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We hope that this very troubled process, we are experiencing due to the coronavirus pandemic, is over as soon as possible by using the scientific methods not by praying, if it is natural. We wish most of us to return to our happy and healthy days again. The authors

<http://zoobank.org/References/1DA88216-D660-4EB2-9860-D48376099A50>

## Annotated list of the Heterocera (Lepidoptera) of Anamur district (İçel Province, South Turkey) with description of a new species

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**Abstract:** Annotated list of the Heterocera (Lepidoptera) of Anamur district (İçel Province, South Turkey) with description of a new species. *Priamus* 19 (1): 1–72, 87 figs.

In this paper, 341 species of 29 heterocera families are reported from Anamur district (İçel Province, South Turkey). A new species, *Cnephasia anamuria* sp.n. (Tortricidae) is described. Totally 84 species are reported as new for provincial fauna. Discussions from various standpoints are added.

**Key words:** Adelidae, Arctiidae, Autostichidae, Cossidae, Ctenuchidae, Drepanidae, Ethmiidae, Gelechiidae, Geometridae, Gracillariidae, Hepialidae, Lasiocampidae, Lecithoceridae, Lymantriidae, Micronoctuidae, Noctuidae, Notodontidae, Oecophoridae, Psychidae, Pterolonchidae, Pterophoridae, Pyralidae, Scythridae, Sphingidae, Thaumetopoeidae, Thyatiridae, Tineidae, Tortricidae, Yponomeutidae, fauna, Anamur, Icel Prov., Turkey.

First comprehensive faunistic paper on the Heterocera of Anamur district was published by the authors two years ago (Kemal & Koçak, 2018). The author listed 167 species of 21 families at that time. In the present paper 341 species of 29 heteroceran families with chronologically arranged synonymous names and distributional information with codes are given (Koçak & Kemal, 2019).

The number of the species recorded from the studying area are rather incomplete. However, the contributions of the papers on Anamur published by the authors privately up to the present time are at a level that cannot be underestimated.

Unfortunately, the evaluation of the species, placed in this paper, was carried out under inappropriate working conditions, while experiencing the coronavirus pandemic that shook the whole world.

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In this paper, a new species, *Cnephasia anamuria* sp.n. (Tortricidae) is described here. Faunistically, 84 species are new for İçel Province. Totally 341 taxa are reported from Anamur district alphabetically in an updated list. Most of the taxa are identified by the authors at the species level. For this purpose, 18 genitalic preparations were made and illustrated here. Collecting information of the new materials are added to most of the taxa. Separately, the genetic distance were calculated between some geometrid taxa or populations (*Eilicrinia trinotata*, *Eumera turcosyrica*, *Problepsis ocellata*) for the first time (Kimura, 1980; Tamura et al., 2013). Discussions from various standpoints are also given.

The material and the genetic data are preserved in the Collection and the GenBank of the Cesa.

The results are given in the list below:

### List of the species

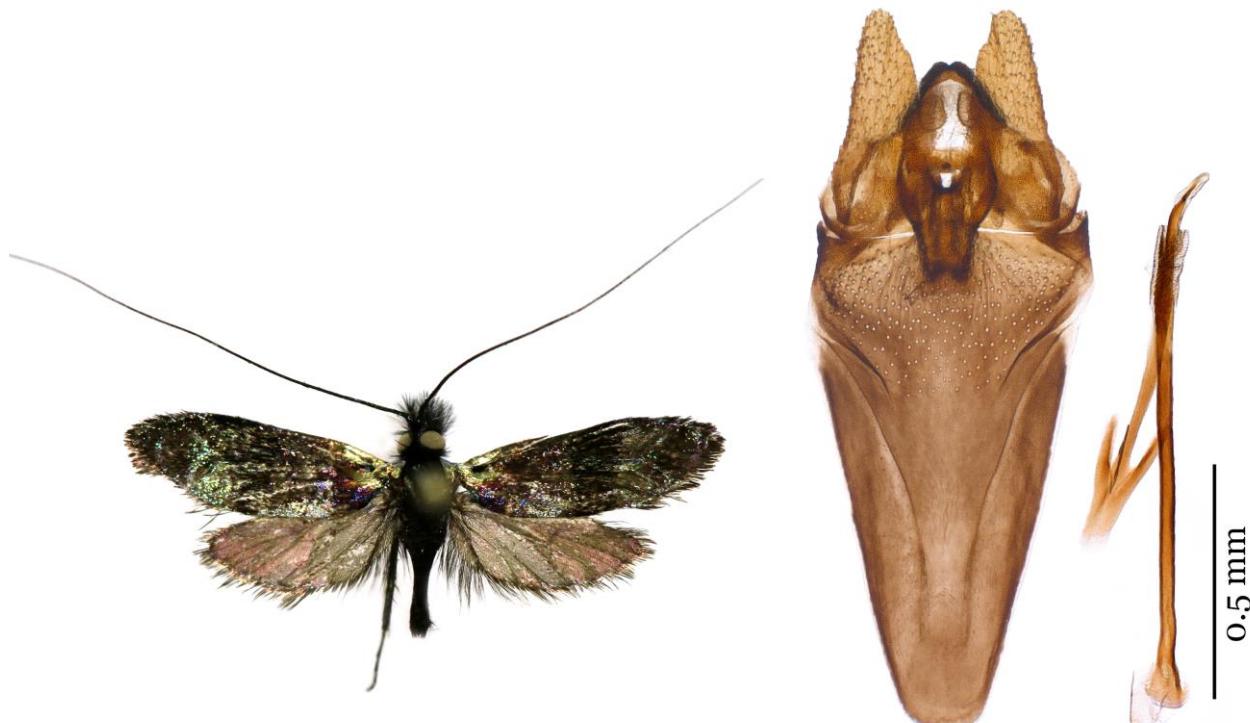
#### Adelidae

1. ***Nemophora prodigella* (Zeller, 1853) (Figs. 1,2)**

Synonymy: *prodigellus* Zeller, 1853; *auricellus* Ragonot, 1874; *splendidus* Staudinger, 1880

Range (as code): **ES FR IT DE CH AT PL CZ SK HU RO YU AL RU MD UA BY TR 05 16 33? 44 16A 33A?**  
**33Ae?**

Remarks: This species was described by Zeller from Bursa (NW Turkey). It was previously reported from Amasya and Malatya provinces of Turkey. It has no epiphys on the fore-leg. The genitalia is illustrated below. The present identity of this species from Anamur is temporary.



**Figs. 1, 2 –** *Nemophora* sp. aff. *prodigella*. Upperside of male and its genitalia (GP3232). İçel Prov., Anamur Çicekyurdu 1620m, M. Kemal (Cesa)

#### Arctiidae

2. ***Arctia (Epicallia) villica* (Linnaeus, 1758)**

Synonymy: *villica* Linnaeus, 1758; *corsica* Oberthür, 1911; *niceensis* Oberthür, 1911; *brittanica* Oberthür, 1911; *meridionalis* Heinrich, 1923.

Range (as code): PT FR Co IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Rd TR LV LT RU Da Kus Kg Ur Cb Sb MD UA Cm BY Cc GG Bjo Lag AZ Kir Len Nv Ord AM IR SY Hal Ttu LB Bsa IL Pa He KK o1 o3 o4 o5 o6 o7 o10 o14 o15 o16 o17 o19 o21 o22 o23 o26 o27 o29 o31 o32 o33 o34 o36 o37 o39 o42 o44 o46 o48 o55 o56? o60 o61 o62 o64 o66 o71 o75 o80 o3C o3Ca o5A o5G o6B o6R o6Ra o6Rk o7B o7C o10D o10N o14I o14Lb o15C o16A o17H o17M o19G o21N o21Nb o23M o26G o27D o31K o31Ka3 o31Ka5 o31Ka7 o31M o33A o33Aa o33E o33P o33R o33Rb o34B o34S o36D o36De o37P o39H o42B o42D o43M o44E o44Ei o48L o55F o56F o60C o61K o61Ka o62E o64B o73C o73A o73Ab o73Cd o75F o75Fe o80B o80Bb

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018). The Anamur population of this species was evaluated by the authors from the genetic distance standpoint (Kızıldağ, et al., 2019a).

### 3. *Euplagia quadripunctaria* (Poda,1761)

Synonymy: quadripunctaria Poda,1761; hera Linnaeus,1767; magna Spuler,1910 nec Hol.,1897; latefasciata Bubacek,1915.

Range (as code): PT ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR LV LT RU Ur VI Pt MD UA BY SY LB Bsa IR Ak Gh Mz Ar Gls Se Kh Cc AM Dar AZ Adz Kir GG Bjo Lag Mng Tbl TM Kp o1 o5 o6 o7 o8 o9 o13 o14 o16 o21 o25 o29 o31 o33 o34 o35 o36 o41 o45 o46 o48 o51 o52 o53 o56 o58 o60 o62 o65 o75 o78 o1L o1Lb o5A o5E o6R o6Re o6Rd o7A o7B o7Bb o7O o8H o9K o9M o13G o13G1 o13Gü o13Gw o13F o13F38 o14B o14Bb o14I o14Lb o16A o16C o16F o21N o21Nb o25F o25R o29D o29F o31K o31Ka o31M o33A o33Aa o33R o33Rb o34B o34S o35O o36C o36D o41F o46G o46Gf o48D o52H o56F o58I o60H o60Hb o62H o65A o65Ai o65D o65F o65Fm o75F o75Fa o78D o78Da

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### 4. *Manulea* (s.str.) *complana* (Linnaeus,1758)

Synonymy: complana Linnaeus,1758; ochrocephala Fourcroy,1785; sericea Gregson,1860; molybdeola Guenée,1861; balcanica Daniel,1939.

Range (as code): FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR CY TR DK NO SE FI EE LV LT RU MD UA Lvv BY Cc GG Bjo Smt Mng Dar AM Da Der KG Lps IR Gls Ui Kön o5 o6 o8 o14 o16 o18 o25 o33 o34 o36 o39 o44 o46 o58 o65 o75 o5A o6R o6Re o8H o14B o16A o18F o25F o33A o33Ac o34A o34S o36D o36F o39H o44I o44Ic o58G o58Gi o65A o65Ac o65Ac3 o65D o65Df o75F o75Fe

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

### 5. *Muscula muscula* (Staudinger,1899)

Synonymy: muscula Staudinger,1899

Range (as code): TR GR Rd IQ Shq LB Bei CY SY IL Pa IR Mz o1 o7 o13 o31 o33 o35 o46 o48 o56 o71 o80 o1H o7B o7O o7M o13F o13F38 o31K o31Ka o31Ka3 o31Ka5 o33A o33Ac o33Ao o33Ap o33P o48G o48Gb o56F o80B o80Bd

Material studied: 16♂♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 22♂♀. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### 6. *Paidia* sp.

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018). Its specific identity is ongoing.

## Autostichidae

### 7. *Aprominta bifasciata* (Staudinger,1870) (Fig. 46)

Synonymy: bifasciata Staudinger,1870; virginella Rebel,1902.

Range (as code): GR TR LB IQ o1 o16 o31 o33 o35? o42 o46 o51 o1L o1Le o16A o31M o33A o33Ac o33Ad o33Ak o33Ar o42D

Material studied: 7♂. S. Turkey, İçel Prov., Anamur, Gökcé valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### 8. *Symmoca* sp.

Material: 1 ex. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Identification of this species is ongoing.

- 9. *Symmoca (s.str.) vitiosella Zeller,1868*** **(Figs. 3,4)**  
 Synonymy: vitiosella Zeller,1868  
 Range (as code): TR Rd CY GR 07 32 33 42 48 33A 33Ak 48D  
 Remarks: This species was previously listed from Anamur by the authors as "Symmoca sp." (Kemal & Koçak, 2018).



**Figs. 3, 4 - *Symmoca vitiosella*.** Male genitalia (GP2902), abdominal skin and upperside of the male. İçel Prov., Anamur, Alaköprü. M. Kemal (Cesa).

## Cossidae

- 10. *Dyspessa emilia* (Staudinger,1879)** **(Fig. 47)**  
 Synonymy: emilia Staudinger,1879  
 Range (as code): TR GR 01 05 06 07 19 33 42 50 58 05A 33A 33Am 33G 42B 58N  
 Material studied: 6♂ (one male barcoded as Coss 02-Cesa). S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. - 2♂. Anamur, Ovabaşı 2km W 100m (33Am), 5.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

- 11. *Phragmataecia albida* Erschoff,1874**  
 Synonymy: albida Erschoff,1874; erschoffi Reisser,1962  
 Range (as code): Cr GR TR Cc TM Kp AF IR Kh TM UZ KG Ui Ku RU 05 08 24 25 30 33 35 36 38 44 46 50 58 71 73 08H 08Ha 33A 33Am 50G  
 Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).  
 Remarks: New record for the fauna of İçel Province.

## Ctenuchidae

- 12. *Amata rossica* (Turati,1917)**  
 Synonymy: #nigricornis Alpheraky,1883; nigricornis Kirby,1892 (praeocc.); rossica Turati,1917; tanaica Obraztsov,1941  
 Range (as code): TR RU Sr Pe Tt Or Ur Ro Da Tua Soc St Pja Kis Vlk Kb Teb Nal Cc GG Sva Tbl Lag Aj Btm Im Kta Bjo Smt Akh Aba AM Alg Eri Svn AZ Kir UA Cm KG Uk IR Ak Kly 04 05 06 07 08 14 16 24 28 33 37 38 43 55 58 60 64 69 71 75 76 05A 06R 06Re 06Rd 07C 08H 16A 33A 33E 33F 33P 37P 38H 38Ha 58G 58N 60C 64F 69B 69Bc 75A 75D 75Db 76C  
 Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**13. *Dysauxes (s.str.) famula* (Freyer,1836)**

Synonymy: *famula* Freyer,1836; *hyalina* Freyer,1845; *ragusaria* Zickert,1904; *herthina* Stauder,1921; *burgeffi* Draudt,1931; *taurica* Draudt,1931; *pseudoservula* Naufock,1933; *pontica* Friese,1959; *sofiata* De Laever,1983; *lucana* De Laever,1983.

Range (as code): FR Co Si IT MT CH AT HU RO SS B-H HV MK YU AL BG GR Rd Cr TR Cc RU Us MN IQ Ry  
Rwz Kq IL Pa Hf IR Mz Glz Kh TM Kp Ch 01 04 06 07 08 10 11 12 13 14 16 17 21 23 25 30 31 33 34 36 38 42 44 45 46 50  
56 59 60 65 71 72 73 76 01E 01Ea 01A 01L 01Lk 04A 06R 06Rb 06Re 07B 08H 10P 11E 12E 13F 13F25 13F35 13F41 13G  
13Gü 13Gw 21C 23I 25F 30B 30Bh 30Bd 30Be 30Bz 31K 31Ka 33A 33Ak 33F 33G 33O 33N 33P 36F 38H 38Hc 42D 44I  
44Ic 44O 46D 46G 46Gf 46Gi 50G 56E 56Eb 56F 59D 60C 65A 65Am 65Am4 65D 65Df 65F 65Fp 65Fz 65N 65Np2  
65Nm 73C 73Ce 73D 73Db 76C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**Drepanidae****14. *Cilix asiatica* A.Bang-Haas,1907**

Synonymy: *asiatica* A.Bang-Haas,1907; *depalpata* Strand,1913

Range (as code): GG Smt Akh Cc AM AZ Len UA Cm TR IL Hf Pa LB Bsa IR Elb IQ AF Srb Bsg 05 06 07 10  
12 13 17 21 30 31 33 36 42 44 45 46 47 49 50 56 58 60 65 71 73 05A 06R 06Rb 07A 07C 13F 13F7 13F71 17M 21N 21Nh  
30B 30Bh 30Bt1 30Bz 30D 30Df 31K 31Ka 33A 33Ac 36D 36Db 44E 44Ei 49E 49Ea 56F 58N 60G 65A 65Ai 65An 65Am  
65Am4 65D 65Ds 65F 65Fp 65Fz 65N 65Np6 65Nm 73C 73Cd

Remarks: New record for the fauna of İçel Province.

**15. *Watsonalla binaria* (Hufnagel,1767)**

Synonymy: *binaria* Hufnagel,1767; *falcata* Fabricius,1775; *falcularia* De Villers,1789; *falcatalis* Haworth,1802; *uncula* Hübner,[1802]

Range (as code): DZ Sbd Agi Ges Dhm TN ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG  
GR Cr TR Cc GG Lag IQ Brs LB Bsa DK SE FI LV LT RU MD UA BY 01 02 05 06 08 10 12 13 14 16 21 30 31 33 42 46 49  
50 53 56 62 65 71 73 75 01L 01Le 01Lk 02F 02Fd 02Fz 05A 06R 06Rb 06Re 12E 12Ec 13F 13F22 13F25 13F38 13G 13Gg  
16A 21N 21Nb 21Nh 30B 30Ba 30Bç 30Bz 30Bh 30D 30Df 31K 31Ka 31Ka3 31Ka7 33A 33An 42B 49E 49Ea 49F 49Fb  
56F 56Fo 56Fn 56F6 62E 65A 65Ai 65An 65D 65Dl 65Dlc 65Ds 73Aç 73Aç2 73A 73Ad 73Ad2 73C 73Cd 75F 75Fd

Remarks: New record for the fauna of İçel Province.

**Ethmiidae****16. *Ethmia interposita* Sattler,1967**

Synonymy: *interposita* Sattler,1967

Range (as code): TR IL Jer Js Jt Zq Pa JO 33 33A 33Ae 33Am 33F

Material studied: 4♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, 3.viii.2019, M.Kemal & A.Koçak leg. - 2♂ (barcoded as Eth 07-Cesa). Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. - 1♂. Anamur, Uçarı 1.8km SE 430m (33Ap), 7.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of Anamur.

**Gelechiidae****17. *Altenia anamuria* Kemal & Koçak,2018**

Synonymy: *anamuria* Kemal & Koçak,2018

Range (as code): TR 30 33 44 56 65 30D 30Df 33A 33Ac 33Ak 56F 56Fa 56Fb 56Fv 65D 65Dy

Remarks: The specimens of this species was first discussed and identified by the authors as near to *modesta* (Kemal & Koçak,2017b). Later it was described by the authors from Anamur as new species (Kemal & Koçak,2018). The molecular evaluation of some *Altenia* populations in Turkey was published by the authors last year (Kızıldağ, Kemal & Koçak, 2019b).

**18. *Aroga* sp.**

Material studied: 2♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Externally, it looks like to *aristotelis* Mill. to some degree. Certainly, it needs closer examination for a precise identification.

**19. *Aristotelia* sp.**

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**20. *Caryocolum* sp.**

Range (as code): TR 33 33A 33Af

Remarks: For more information, new material is needed.

**21. *Mesophleps* sp.**

Remarks: Externally, it looks like to *trinotella* H.S. to some degree. Certainly, it needs closer examination for a precise identification.

**22. *Metzneria aprilella* (Herrich-Schäffer,[1854])**

Synonymy: *aprilella* Herrich-Schäffer,[1854]; *igneella* Tengström,1859; *sanguinolentella* De Joannis,1910

Range (as code): ES An FR Si IT GB NL DE BE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE FI EE LV LT RU Ur Sb Mo MD UA BY IL Pa LB Bsa IR KG UZ 05 06 16 27 30 33 42 44 46 49 65 73 05A 16A 27D 27Da 27Db 30D 30Df 33A 33Ac 33Ak 44E 44Ei 49F 49Fb 65G 65Gf 65Gy 65L 65Le 65N 65Np 65Nm 73D 73Df 73Dfc

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**23. *Nothris gregerseni* Karsholt & Sumpich,2015**

Synonymy: *gregerseni* Karsholt & Sumpich,2015

Range (as code): SE DK TR RU Ur At Sb IL Pa 01 04 13 24 25 29 30 33 36 38 65 01L 01Lb 13A 13Ac 13Ac1 13Ac2 13Ax 30B 30Bc2 30Bz 33A 33Ac 36F 36Fb 65A 65Am 65Am4 65D 65Df 65K 65Kl6 65Z

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## Geometridae

**24. *Acanthovalva inconspicuaria* (Hübner,[1819])** (Fig.68)

Synonymy: *inconspicuaria* Hübner,[1819]; *pumicaria* Lederer,1855; *osyraria* Guenée,[1858]; *cinerascens* Butler,1875; *perturbata* Bastelberger,1908; *cinnamomaria* Rothschild,1914

Range (as code): ZA ZA01 Tva Lpo Spb Bbg Mal ZA06 Nta Kzu ZA14 ZA16 Mpu ZA17 ZA21 ZA24 NWe ZA26 ZA28 Gau Fs Nca Wca Ec SZ NA BW AO ZW MW MZ ZM KE ET MA DZ Ges GR IL Pa Hf LB Bei CY Cr TR IR ES An Mu YE Hd YE30 SY Hal PK CN Sz 07 09 33 46 80 07B 07Bb 07M 09K 09Ka 33A 33Ad 33Ar 46G 80B 80Bc

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Gökc  valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**25. *Alcis repandata* (Linnaeus,1758)**

Synonymy: *repandata* Linnaeus,1758; *consobrinaria* Scriba,1790; *repandaria* Borkhausen,1794; *bistortae* Vallot,1802; *destrigaria* Haworth,1809; *conversaria* Hübner,[1809]; *muraria* Curtis,1826; *dealbata* Turati & Verity,1911; *fasciata* Albers,1949 nec Wrnk.,1941

Range (as code): PT ES FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG AZ DK NO SE FI EE LV LT RU MD UA BY CN Ui Kön Sz Sz1 06 14 16 33 34 56 61 75 81 06P 06Pb 06R 06Ri 16A 33A 33Ac 34R 34Rb 56F 75F 75Fb 75Ff

Remarks: New record for the fauna of İçel Province.

**26. *Aplasta ononaria* (Fuessly,1783)**

Synonymy: *ononaria* Fuessly,1783; *rubbellata* De Villers,1789; *rubicapraria* Hübner,1793; *sudataria* Hübner,[1817]; *faecataria* Hübner,[1819]; *ononata* Bellier,1861

Range (as code): PT ES Mu FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR CY IQ LB Bsa JO SY RU MD UA BY IL Pa He IR AM Cc 01 02 05 06 09 12 13 14 16 17 21 23 30 31 33 39 40 41 42 44 46 48 56 59 65 71 73 80 01H 01J 01L 01Lf 02Fc 02F 02Fe 02Fz 05A 12A 12Ab 12Ai 13G 13Gd 13F 13F38 16A 21N 21Nb 23M 30D 30Df 33A 33Ac 33Am 33R 42B 44A 44Ab 56F 65A 65Ai 65Au 65D 65Dp 65F 65Fç 65Fo 65Fç 65Fz 65Fg 65K 65Kç 65Kl6 65Z 65N 65Nd 65L 65Lb 65Le 65N 65Np6 65Np7 65Nr2 65Nr3 65Nm 73F 80B 80Bc

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**27. *Aplocera* sp.**

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**28. *Catarhoe* sp.**

Material studied: 1♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

**29. *Charissa (Euchrognophos) dubitaria* (Staudinger,1892)**

Synonymy: dubitaria Staudinger,1892

Range (as code): TR LB Bsa Cc AM IR Fa Sse Com Kz 13 23 30 33 38 47 56 65 72 13F 13F25a 23M 30B 30Bç1 30Bç2 30Bz 30D 30Df 33A 33Ac 56F 56Fa 65A 65Am3 65Am4 65D 65Df 65K 65Kl1 65Z 65N 65Np6 65Nm

**30. *Charissa (Euchrognophos) subtaurica* (Wehrli,1934) (Fig.48)**

Synonymy: #subtaurica Wehrli,1932; subtaurica Wehrli,1934

Range (as code): GR Sms TR LB Bei Bsa IL Pa Js CY JO 01 05? 07 16? 21 31 33 42 46 48 56 65? 01B 01D 01G 01K 01L 01Lb 07B 21L 21Lc 31K 31M 33A 33Ae 33Aj 33Ao 33G 46G 48B 56F 56Fa 56Fb 56Ff 56Fj 56Fc 56Fx 56F5 65K?

Remarks: This species was previously listed and illustrated from Anamur also discussed by the authors (Kemal & Koçak, 2018).

**31. *Charissa (Kemtroggnophos) zeitunaria* (Staudinger,1901)**

Synonymy: zeitunaria Staudinger,1901

Range (as code): TR Cr Cc AM Eri 01? 06 13 18 25 33 42 46 51 56 58 65 71 01? 01L? 01Lk? 06K 06Kc 13A 13Ac 13Ac2 13Ax 18F 25F 33A 33Ae 42B 46L 51B 51Bc 56F 56Fs 58N 58Nc 65B 65Bk 65D 65Df 65G 65K

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**32. *Charissa (Neognophina) pfeifferi* (Wehrli,1926) (Fig. 70, 71)**

Synonymy: pfeifferi Wehrli,1926

Range (as code): MK Plp GR Sms TR LB Bsa 01 12 32 33 42 44 46 51 70 01L 01Lb 12A 12Ab 32C 33A 33Ae 42B 44L 44Lc 51B 51Bc

Material studied: 12♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**33. *Coenotephria ablutaria* (Boisduval,1840)**

Synonymy: ablutaria Boisduval,1840; probaria Herrich-Schäffer,1852; ruficinctaria Guenée,[1858]; ochrearia Staudinger,1901

Range (as code): FR IT Co Sa Si SS HV B-H YU GR BG RO UA CY Rd Cr EG Sn IL Pa Car Js TR IR Kd Fa IQ Brs Dia Cc GG Bjo AM 01 05 16 17 27 29 30 31 33 34 35 36 42 46 48 56 65 01G 01H 05A 27D 27Da 27Db 27Dd 30B 30Bç1 30Bz 31K 31Ka 33A 33Ac 33Ak 42B 48L 56F 65A 65Am2

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**34. *Cyclophora pupillaria* (Hübner,[1799]) (Fig.49)**

Synonymy: pupillaria Hübner,[1799]; nolaria Hübner,1809; gyrata Hübner,[1813]; gyrraria Treitschke,1827; mirtalis Costa,1834; calaritana Turati,1911; asiaeminoris Amsel,1935; granti L.B.Proust,1935

Range (as code): MA DZ Ges TN Az PT ES Mu FR Co Sa Si IT MT IE GB NL DE CH AT SK HU RO YU AL BG GR Cr Rd TR Cc GG Aj Akh DK SE RU MD UA BY IR Fa IL Pa Hf Car LB Bsa 01 06 07 14 16 17 31 33 34 42 45 46 48 52 58 65 72 80 81 01B 01D 01G 01H 16A 31A 31D 31F 31K 31Ka 31Ka5 33A 33Ac 33Ad 33Aj 33Am 42B 46B 46F 46L 48D 52G 52Gb 58N 65A 65Ai 80B 80Bc

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**35. *Cyclophora suppunctaria* (Zeller,1847)**

Synonymy: suppunctaria Zeller,1847; amabilis Schawerda,1922; grisea Schawerda,1938

Range (as code): TN ES FR Co Sa Si IT CH AT PL SK HU RO YU AL BG GR Cr TR UA Cm IR Fa Lo SA SA63 14 23 30 33 42 56 71 23M 33A 33Ak 56F

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**36. *Dasycorsa modesta* (Staudinger,1879)**

Synonymy: modesta Staudinger,1879

Range (as code): RO YU BG GR CY TR LB Bsa IL Pa Tbs IQ IR 01 05 06 14 17 21 22 23 30 31 33 34 39 42 44 46 48 49 56 59 65 71 73 01H 01J 17H 21N 21Nh 23M 30B 30Bc 30Bz 30D 30Df 31K 31Ka 31M 33A 33Ak 39G 42B 44L 44Lc 48L 49F 49Fb 56A 65Ac 56F 65A 65An 65Am 65Am2 65D 65Df 65Dlc 65E 65F 65Fp 65Fd 65F1 65Fz 65K 65Kl 65Kl3 65Z 65Ky 65Ky1 65N 65Nm 65Np 73A 73Aç

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**37. *Eilicrinia trinotata* (Metzner,1845)**

Synonymy: trinotata Metzner,1845

Range (as code): CH SK HU RO YU AL BG GR TR Cc AM RU 05 06 16 21 22 33 34 38 39 42 45 59 71 76 05A 16A 21N 21Nb 21Nh 33A 33Ac 42B 76B 76Bb

Remarks: New record for the fauna of İçel Province. On the other hand, the genetic distance between two populations of the species currently called as "trinotata" reveals that an undescribed new species occurs in Turkey (the value 3.04%). The studies on this subject are still ongoing.

**38. *Ennomos (Deuteronomos) quercarius* (Hübner,[1813])**

Synonymy: quercaria Hübner,[1813]

Range (as code): PT ES An FR Si IT CH AT PL SK HU RO YU MK AL BG GR Cr TR Cc GG Mng Smt AZ AM IR GlS Fa IQ RU MD UA Cm BY CY Cr LB Bsa IL Pa JO 05 07 14 30 31 33 34 42 55 56 60 65 73 05A 14I 30D 30Df 31A 31Ab 33A 33Ac 42B 55F 56F 56Fb 65A 65Am 65Am4 65Ai 73F

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**39. *Eumera turcosyrica* Wehrli,1932**

Synonymy: turcosyrica Wehrli,1932; #turcosyriaca Wehrli,1934

Range (as code): TR IL Pa Js 31 33 38 42 46 31K 31Ka 31M 33A 33Ae 42D 42De 46G

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018). The calculated genetic distance between two populations of this species reveals that an undescribed new subspecies occurs in Turkey (the value 1.70%). The studies on this subject are still ongoing.

**40. *Eupithecia schiefereri* Dietze,1904**

**(Figs. 5,6)**

Synonymy: #schiefereri Bohatsch,1893; schiefereri Dietze,1904; #confluens Dietze,1910; #schiefererie Pinker,1958; #schieferi Arnscheid,2000

Range (as code): PT ES FR Si Co IT AT SK RO YU BG GR Cr TR RU UA Cm IL Pa CY LB AZ Cc 01 06 31 33 44 46 56 71 01D 01G 01H 06R 31M 33A 33Ae 44E 44Ei 56F

Remarks: This species resembles to *Eupithecia venosata* externally. But its aedeagus of the male genitalia and abdominal sternite (GP3231♂) differ remarkably (**Fig.**). New record for the fauna of İçel Province.

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**41. *Eupithecia* sp.**

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).



**Figs. 5, 6 -** *Eupithecia schiefereri*. Male genitalia and abdominal segment (GP3231). İçel Prov., Anamur, Çiçekyurdu 1620m. M.Kemal (Cesa).

**42. *Gnopharmia rubraria* Staudinger, 1892**

Synonymy: *rubraria* Staudinger, 1892

Range (as code): TR IL Pa Nab Js SY Dms JO Ajl 02 06 07 23 27 33 42 44 46 47 50 56 63 68 70 71 73 80 02F 02Fe 02Fz 06A 06Aa 07C 07Cc 23M 27D 27Da 27Db 27Dd 33A 33Ae 33Am 33Ar 42O 44E 44Ea 44Ei 44L 44Lc 46D 46Dc 46G 46L 50G 50Gb 50Gd 56C 56Cc 63E 70B 73F 80B 80Ba

Material studied: 4♂ 2♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, 13.iv.2019 and 6.vi.2019, M.Kemal & A.Koçak leg. - 1♀. S. Turkey, İçel Prov., Anamur, Gökcə valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**43. *Gnophos (Dicrognophos) sartatus* Treitschke, 1827**

Synonymy: *sartata* Treitschke, 1827; *syriaca* Thierry-Mieg, 1916.

Range (as code): Co Sa Si IT HV YU AL BG GR Pl Sms Cr Rd TR Cc GG AZ AM LB Bsa RU MD UA Cm BY SY IR Fa Sse IL Pa Mer Car Hf Js CY 02 05 06 14 16 17 20 21 23 27 30 31 33 34 35 42 45 46 56 65 73 80 02F 02Fd 02Fz 05A 06K 06Kc 16A 17H 21L 21Lc 23M 27E 30B 30Bc1 30Bc2 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka5 31M 33A 33Ac 33Ae 33Am 33Ap 42B 46G 46Gi 56F 65A 65Ai 65Aö 65Am 65Am4 73D 73Df 80B 80Bc

Material studied: 11♂ 2♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. - 2♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 1♀. Anamur, Uçarı 1.8km SE 430m (33Ap), 7.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**44. *Gymnoscelis rufifasciata* (Haworth, [1809])**

Synonymy: *rufifasciata* Haworth, [1809]; *pumilata* Hübner, [1813].

Range (as code): Cn MA DZ Clo PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR Cc GG Tbl Kir Hkd Arr AZ IQ DK NO SE FI EE LV LT RU MD UA BY IR Mz Glz UZ Fe KK Ik LB Bsa IL Pa Car 01 05 07 14 16 17 22 23 31 33 34 35 42 44 47 48 52 56 71 76 80 81 01G 01J 05A 16A 23M 31D 31F 31Fa 31K 33A 33Ak 42B 44L 44Lc 48L 52G 52Gb 52Gd 56F 56Fa 80B 80Bc

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

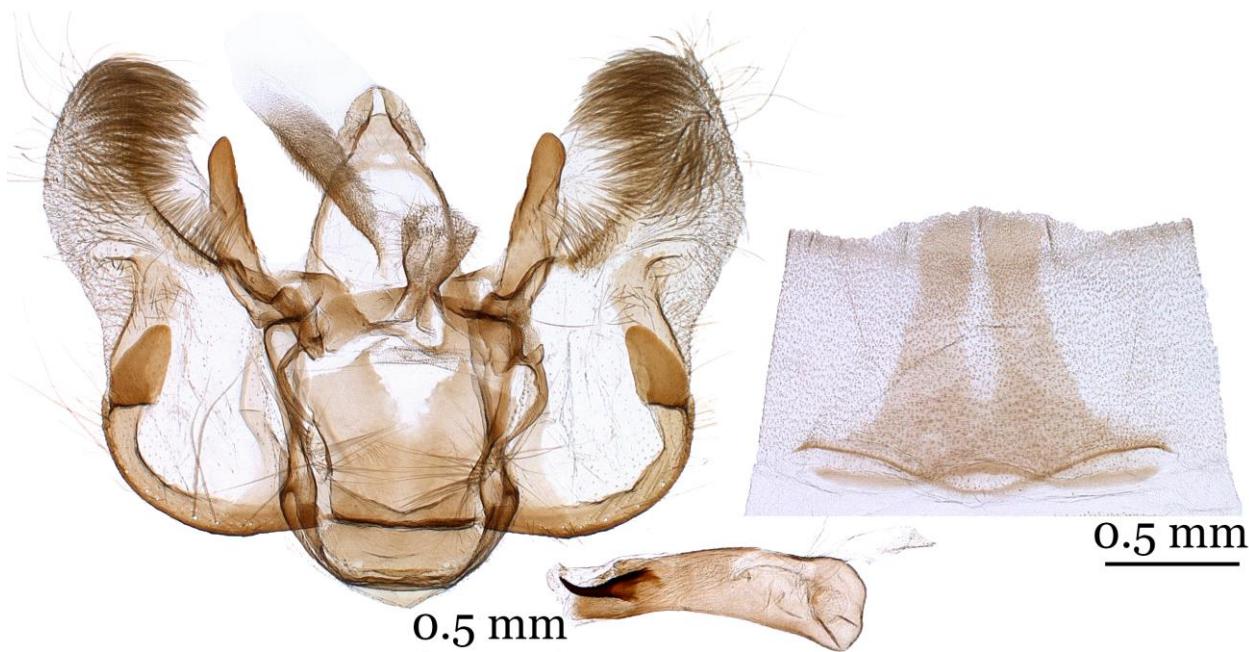
**45. *Horisme corticata* (Treitschke, 1835) (Figs. 7,8)**

Synonymy: *corticata* Treitschke, 1835; *alutacearia* Boisduval, 1840; *bretschneideri* Koch, 1948

Range (as code): Si? IT? DE AT PL CZ SK HU RO YU AL MK BG GR TR Cc AM DK RU MD UA Cm BY 01 05 06 14 16 31 33 34 46 81 01D 05A 16A 31C 31D 31K 33A 33Ac

Material studied: 1♂ (GP3226). İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.



**Figs. 7, 8 -***Horisme corticata*. Male genitalia and terminal segment of the abdomen (GP3226). İçel Prov., Anamur, Taşocağı (33c). M. Kemal (Cesa).

#### 46. *Hylaea fasciaria* (Linnaeus, 1758)

Synonymy: *fasciaria* Linnaeus, 1758; *prosaparia* Linnaeus, 1758; *neustriaria* Hufnagel, 1767; *prasinaria* [Denis & Schiffermüller], 1775; *bilirosata* De Villers, 1789; *viridifasciosa* Esper, 1794; *cleui* Leraut, 1993

Range (as code): ES FR IT IE GB BE NL LU DE CH AT PL CZ SK RO YU AL BG GR TR GG Mng Bjo Bku Aba AM Cc DK NO SE FI EE LV LT RU MD UA BY 01 06 07 10 14 17 22 31 33 46 52 59 80 01B 01D 07D 10K 10Ka 33A 33Aj 33G 46G 46Gf 46Gi

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

#### 47. *Hypomecis punctinalis* (Scopoli, 1763)

Synonymy: *punctinalis* Scopoli, 1763; *urticaria* Hufnagel, 1767; *turcaria* Fabricius, 1775; *griseonigra* Goeze, 1781; *bandevillaea* Fourcroy, 1785; *consortaria* Fabricius, 1787; *convexata* Villers, 1789; *leucopheataria* De Villers, 1789; *grisearia* Bastelberger, 1902; *mayarica* Wehrli, 1932

Range (as code): PT ES FR Co IT IE GB BE NL LU DE CH AT Lbn Spf PL CZ SK HU RO YU AL BG GR TR CY DK SE FI EE LV LT RU Ur Sb MD UA BY KP KR JP TW 05 13 14 16 31 33 39 52 57 61 80 81 05G 13F 13F38 16A 31D 33A 33Ac 39B 52C 52Gb 61K 61Ka 80B

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

#### 48. *Idaea consanguinaria* (Lederer, 1853) (Fig. 50)

Synonymy: *consanguinaria* Lederer, 1853; *consanguinata* Bellier, 1861; *faillata* Fuchs, 1901; *turatii* Sohn-Rethel, 1929

Range (as code): Si IT RO YU HV AL BG GR Cr TR RU IL Pa LB Bsa CY IR Cc AZ Nv GG 05 07 16 17 30 31 33 34 35 38 42 44 46 56 05A 16A 30B 30Bc 30Bz 31M 33A 33Ac 33Am 33G 42B 44L 44Lc 56F

Material studied: 16♂♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A. Koçak leg. (Cesa).

Remarks: The syntypes of *consanguinaria* Lederer come from "Spalato" [Croatia] and "Brussa" [Turkey, Bursa Prov.]. The subspecies of the Anamur populations may be considered as nominate subspecies. In the East Mediterranean Region, the species is represented by ssp. *consecrata* Stgr., 1897, described from Jerusalem, and its junior synonym *taurica* A. Bang-Haas from Akbes (Turkey).

#### 49. *Idaea degeneraria* (Hübner, [1799])

Synonymy: *degeneraria* Hübner, [1799]; *degenerata* Treitschke, 1828; *floridaria* Turati, 1913

Range (as code): MA DZ TN PT ES FR Co Sa Si IT MT GB DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR IL Pa LB Bsa Cc AZ GG Tbl Bjo Kir IQ RU MD UA BY TM IR Elb Fa Glz AF KG Db Kdy Ket Kyr UZ 01 02 05 06 07 13 14 16 17 21 22 27 30 31 33 34 36 39 42 46 48 52 56 58 60 61 65 71 72 73 75 76 80 01B 01D 01G 01J 02F 02Fd 02Fz 05A

13F 13F25 13F35 13G 13G1 16A 21N 21Nh 27D 27Da 30B 30Bç 30Bç1 30Bc 30Bc1 30Bz 30D 30Df 31K 31Ka 31Ka3 33A 33Ae 33Ak 34R 34Rb 36D 36Db 46G 46Gf 48L 52C 52G 52Gb 56C 56Cc 56F 56Fa 58N 61K 61Ka 65A 65Am 65Am4 65An 65Ai 65N 65Nc 65Nc4 65L 65Lb 73F 75F 75Fd 76D 76Da 80B 80Bc

Material studied: 2♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3 v.2018, M.Kemal & A.Koçak leg. - 2♀. Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. - 2♂1♀. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 50. *Idaea dimidiata* (Hufnagel,1767)

Synonymy: dimidiata Hufnagel,1767; scutulata [Denis & Schiffermüller],1775; antitaurica Wehrli,1931 nec Wehrli,1931; tauricola Wehrli,1934.

Range (as code): PT ES Mu FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc GG Bjo Kir Lag AZ AM IR Mz IL Pa LB Bsa TM DK NO SE FI EE LV LT RU MD UA Cm BY CA US 01 05 16 31 33 34 39 45 46 48 52 65 75 81 01B 01D 16A 31K 31M 33A 33Ac 48L 52G 52Gb 65D 65Dh 75F 75Fd

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 51. *Idaea distinctaria* (Boisduval,1840)

Synonymy: distinctaria Boisduval,1840; ruficostata Zeller,1849; incarnaria Herrich-Schäffer,1852

Range (as code): FR Co Sa Si IT CH SS HV YU AL BG GR Cr Rd CY TR IL Pa JO EG 01 07 27 31 33 27D 27Db 33A 33Ak

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

#### 52. *Idaea filicata* (Hübner,[1799])

Synonymy: filicata Hübner,[1799]; filicaria Duponchel,1830; levequei Leraut,2005

Range (as code): ES Mu FR Co Sa Si IT CH AT CZ SK HU RO YU AL BG GR Cr Rd TR IQ Rzw Agh IL Pa CY LB IR 01 05 13 14 16 17 21 22 23 30 31 33 34 42 44 45 46 48 52 56 58 59 60 61 65 71 73 80 01B 01D 01G 01H 05A 05G 13F 13F25 13F35 13G 13G1 16A 21L 21Lc 23M 30D 30Df 33A 33Ad 33Ae 33Ak 33G 44I 44Ic 44L 44Lc 48L 52G 52Gb 56F 58N 60H 60Hb 61K 65A 65Am 65Am4 65D 65Dh 73F

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 53. *Idaea intermedia* (Staudinger,1879) (Fig. 51)

Synonymy: intermedia Staudinger,1879

Range (as code): GR Cr RD CY TR LB Bei Bsa IL Pa Hf 01 05 06 20 31 33 38 46 47 71 01G 01K 05A 33A 33Ac 33Am 33Ao 33Ap

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 3♂. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. - 2♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

#### 54. *Idaea ochrata* (Scopoli,1763) (Fig.69)

Synonymy: ochrata Scopoli,1763; #ochreata [Denis & Schiffermüller],1775; corrigata Fabricius,1781; ochrearia Schrank,1802 nec Ross.,1794; sicula Zeller,1847; accretata Fuchs,1901

Range (as code): MA DZ Sbd TN PT ES Mu FR Co Sa Si IT MT GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc GG Tbl Bjo Smt Lag Da Der Kir AZ AM Ksp CY LB DK SE RU MD UA BY IR 01 05 06 13 14 16 22 23 25 33 34 39 46 52 59 65 76 78 81 05A 06R 13F 13F38 16A 23M 33A 33Am 52G 52Gb 65F 65Fr 65Fz 65G 65Gb 65L 65Le 65N 65Ns 65Nm 76C 76D 76Dd 78D 78Da

Material studied: 1♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Remarks: New record for the fauna of İçel Province.

#### 55. *Idaea ostrinaria* (Hübner,[1813])

Synonymy: ostrinaria Hübner,[1813]; demarginata Schwingenschuss,1938.

Range (as code): MA DZ Ges Lbs TN PT ES Mu FR Co Sa Si IT YU AL BG GR Cr Rd TR CY 01 07 16 17 23 31 33 42 44 46 59 60 71 80 01B 01H 16A 23M 31A 31Ab 31F 31M 33A 33An 33Ap 33G 42B 60H 60Hb

Material studied: 15♂♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. - 1♂. Anamur, Uçarı 1.8km SE 430m (33Ap), 7.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: These records are new for the fauna of İçel Province.

**56. *Idaea politaria* (Hübner,[1799])**

Synonymy: politata Hübner,1793 nec Fabr.,1781; politaria Hübner,[1799]; #abmarginata Bohatsch,1885; mundipennis W.Warren,1898; abmarginata Staudinger,1901

Range (as code): DZ Sbd PT ES FR Co Sa Si IT CH CZ SK HU RO SS YU AL BG GR Cr TR IQ LB Bsa RU MD UA Cm CY Cc GG Lag Der Da AZ AM IR Mz Gls 01 05 07 14 16 22 23 31 33 34 39 45 52 65 73 81 01B 01D 01G 05A 16A 23M 31C 33A 33Ac 33G 52G 52Gb 65L 65Le 73F

**57. *Macaria liturata* (Linnaeus,1761) (Fig.76)**

Synonymy: #liturata Clerck,1759; liturata Linnaeus,1761; igneata Hufnagel,1767; fuscata Thunberg,1788; liturataria Esper,[1801]; lituraria Hübner,[1823]

Range (as code): ES FR Co IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU HV MK BG GR TR Cc GG Mng Smt Bjo Bku DK NO SE FI EE LV LT RU Am MD UA BY 14 33 61 75 81 33A 33Ac 61K 61Ka 75F 75Fb

Remarks: New record for the fauna of İçel Province.

**58. *Menophra berenicidaria* (Turati,1924) (Fig. 52)**

Synonymy: berenicidaria Turati,1924; trypanaria Wiltshire,1948; cretacaria Reisser,1948

Range (as code): TN LY Cy Sms TR CY Cy1 Cy5 GR Cr 07 33 81 07B 33A 33Am 33An 33P 81F

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Kösekükü 145m (33An) 22.viii.2018, M.Kemal & A.Koçak leg. - 1♂1♀. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species is new for the fauna of İçel Province.

**59. *Myinodes shohami* Hausmann,1994**

Synonymy: shohami Hausmann,1994

Range (as code): Rd TR LB CY IL Pa JO IQ IR Fa Shr 07 17 21 23 33 44 46 47 56 21N 21Nh 23M 33A 33Ak 44L 44Lc 56A 56Ac 56F 56Ff 56Fg

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**60. *Neognopharmia stevenaria* (Boisduval,1840)**

Synonymy: stevenaria Boisduval,1840; lapidisaria Freyer,1841

Range (as code): PT ES Mu FR IT RO MD UA Cm YU HV SS MK AL BG GR Ip Sms Cr TR AZ Cc AM GG IQ IR Fa Sse Com Kz RU Sr Or Ur Vl Kis IL Pa Car Hf LB Bsa CY 01 02 05 06 08 13 14 16 17 21 22 23 25 27 30 31 33 36 42 44 46 56 61 65 01B 01H 01L 01Le 02F 02Fd 02Fz 05A 08H 08Ha 13F 13F7 13F71 13G 13Gw 13Gs 13Gy 16A 21N 21Nh 23M 25F 27D 27Db 33A 33Ac 36D 36Db 42B 44E 44Ei 44I 44Ic 44O 46G 46Gf 56C 56Cc 56F 56Fn 61K 65A 65Ai 65D 65Df 65Dl 65Dlc 65F 65Fp 65Fz

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ac), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**61. *Nychiodes* sp.**

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

**62. *Nychiodes (Eunychiodes) amygdalaria* (Herrich-Schäffer,[1848])**

Synonymy: amygdalaria Herrich-Schäffer,[1848]

Range (as code): IT YU MK BG GR Cr TR LB Bsa IL Pa Js Hf JO Ajl Cc AM IR 06 16 21 25 31 32 33 42 44 45 46 47 56 80 16A 31M 33A 33Ar 44L 44Lb 56F 56F1 80B 80Bb

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Gökcə valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**63. *Orthonama obstipata* (Fabricius,1794)**

Synonymy: obstipata Fabricius,1794; fluviana Hübner,[1799]; gemmata Hübner,1799; albicinctata Haworth,1809; angustata Haworth,1809; quaerendaria Costa,1850; baccata Guenée,[1858]; lapillata Guenée,[1858]; contrariata Walker,1862; exagitata Walker,1862; intrusata Walker,1862; peracutata Walker,1862; signataria Walker,1863; obruptata Walker,1863; pigrata Walker,1866; plemyrata R.Felder & Rogenhofer,1875; inconspicua Warren,1896; brunneipennis Hulst,1896; discata Warren,1905

Range (as code): PT ES Mu FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR IQ Agh GG AM Cc AZ IR Sse Fa AF DK NO SE FI EE LV RU Ur Sb Am Sh MD UA Cm BY KG KK UZ TJ TM CN MN KP KR JP ZA ZA10 ZA12 Kzu Nta IL Pa Jf Mtl LB Bsa MY Bor Sbh Kba Kh CY PK Swa Dara Sgl Yek YE Tbl Mng Kir Lag Hkd ZR EG ET KE TZ MA DZ Ges Bsk Nbr Gf TN 01 05 06 07 13 14 16 17 22 30 31 33 34 42 46 56 65 71 72 80 01J

05A 13A 13Ab 13Ax 13F 13F28 13F35 13F38 16A 30B 30Bç 30Bç1 30Bz 30D 30Df 31K 31Ka 31Ka3 33A 33Ac 33An 33Ao 33G 56F 56Fb 65A 65Ai 65Am 65Am4 65D 65Dt 65F 65Fp 65Fz 65G 65Gb 65N 65Nc2 80B 80Bc

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 3♂. Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).

#### 64. *Oulobophora externaria* (Herrich-Schäffer,[1848])

Synonymy: #externata Herrich-Schäffer,1843; externaria Herrich-Schäffer,[1848]

Range (as code): GR BG CY TR IQ IR Fa Sse IL Pa 05 16 21 30 31 32 33 34 35 42 46 56 65 73 05A 16A 21N 21Nh 30D 30Df 31K 31Ka 31M 33A 33Ac 33Ak 42B 46G 46Gf 56A 56F 65D 65Dy 73A 73Aç 73Aç2 73Ae 73Ak 73F

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

#### 65. *Pachycnemia hippocastanaria* (Hübner,[1799])

Synonymy: hippocastanaria Hübner,[1799]; anomala Haworth,1812; degenerata Hübner,[1813]; difformaria Hübner,[1825]; hippocastanata Treitschke,1827; modestaria Lempke,1970

Range (as code): DZ Clo PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU YU AL GR Cr TR DK NO SE LV RU MD UA BY 05 14 16 17 33 81 05A 16A 33A 33An

Material studied: 2♂1♀. İçel Prov., Anamur, Köseköyü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

#### 66. *Peribatodes correptarius* (Zeller,1847)

Synonymy: correptaria Zeller,1847 Range (as code): YU AL BG GR Cr Rd CY TR RU LB Bsa 05 13 14 16 23 33 34 35 42 05A 13F 13F6 16A 23M 33A 33Ad 33Ae 33Aj

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 67. *Peribatodes rhomboidarius* ([Denis & Schiffermüller],1775)

Synonymy: #rhomboidaria [Denis & Schiffermüller],1775; inaequalis Goeze,1781; gemmaria Brahm,1791; ichnusaria Ghiliani,1852; corsicaria Schawerda,1931; saerdabensis Wehrli,1943

Range (as code): MA PT ES Mu FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc AZ GG IQ IR Mz Glz Fa Sse DK SE FI RU MD UA BY IL Pa LB Bsa Bmm Zah CY 01 05 08 13 14 15 16 17 22 23 30 31 33 34 36 37 42 44 45 46 48 52 56 57 58 59 60 61 65 77 81 01B 01D 01H 01G 01J 01L 01Lk 05A 05G 13F 13F22 13F25 16A 23M 30B 30Bç 30Bç2 30Bt1 30Bz 30D 30Df 31A 31Ab 31D 31K 31Ka 31Ka3 31L 31M 33A 33Ac 42B 44I 44Ic 46F 46G 46Gf 48L 52C 52G 52Gb 56F 56Fv 58N 58Nc 60H 60Hb 61K 61Ka 65A 65Am 65Am4 65F 65Fp 65Fz 65N 65Np 65Np5 65Nm

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 68. *Peribatodes secundarius* ([Denis & Schiffermüller],1775)

Synonymy: #secundaria [Denis & Schiffermüller],1775; fallentaria Staudinger,1879; druentaria Cleu,1928; syrisca Wehrli,1933; francoeuevica Schneider,1942; rometschi Schneider,1942; occidentaria Lempke,1953

Range (as code): ES FR Co Sa It GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR DK NO SE FI LB 05 14 33 34 46 33A 33Ae 46G 46Gf 46Gi

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 69. *Peribatodes umbrarius* (Hübner,[1809])

Synonymy: umbraria Hübner,[1809]; vaucheri Thierry-Mieg,1916

Range (as code): MA DZ PT ES Mu FR Co Sa Si It CH SK HU RO YU AL BG GR Cr TR IQ Brs IR Mz Glz Kh Fa Sse RU MD UA BY IL Pa Js LB Bsa CY 01 05 12 13 14 23 30 31 33 42 44 45 46 56 65 71 01L 01Lk 05A 12A 12Ac 13F 13F25 13F25a 13F38 13F8 23M 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka5 33A 33Ae 42B 44I 44Ic 46G 46Gf 46Gi 56F 65A 65An 65Ai 65Am 65Am1 65D 65Dh

Material studied: 2♂3♀. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

#### 70. *Phaiogramma etruscaria* (Zeller,1849) (Fig.77)

Synonymy: etruscaria Zeller,1849; pulmentaria Guenée,[1858]; palaestinensis Fuchs,1903; benderi Koutsaftikis,1973

Range (as code): DZ Clo Anna Bsk TN Gf PT ES Mu FR Co Sa Si It MT BE CH AT PL CZ SK RO YU AL BG GR Cr Rd TR IQ RU CY SY IR Kd Elb Th Fa Sse Com Kz AZ AM GG Smt Bjo Lag Kir Nv Ord Da Der Cc LB Bsa IL Pa Jf Mtl Ui Ii KG Ket Clk Kyr Kpt 01 05 14 16 17 21 23 28 31 32 33 39 42 44 46 52 56 58 61 65 72 76 80 01B 01D 01G 01J 05A 16A 21L 21Lc 23M 28N 31K 31Ka 33A 33Ac 33Am 33An 42B 44I 44Ic 44L 44Lc 46D 46Dc 46G 46Gf 52G 52Gb 56F 58N 61K 65A 65Am 65Am1 65Am4 65D 65Dg 65F 65Fg 65L 65Le 76A 76Ac 80B 80Bc

Material studied: 3♂♀. S. Turkey, İçel Prov., Anamur, Kösekükü 145m (33An), 18.vii.2018, 22.viii.2018, M. Kemal & A.Koçak leg. - 2♂9♀. Anamur, Ovabaşı 2km W 100m (33Am), 14.vii.2018, 6.vi.2019, M. Kemal & A.Koçak leg. - 2♂. Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 9♂♀. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

**71. *Philereme transversata* (Hufnagel,1767)**

Synonymy: *transversata* Hufnagel,1767; *rhamnata* [Denis & Schiffermüller],1775.

Range (as code): ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Bjo Mng Smt AZ Kir DK SE FI EE LV LT RU MD UA BY IL Pa IR Mz Glz Kh 01 05 06 16 31 33 38 46 65 71 01J 05A 06R 06Rb 16A 31K 31Ka 31Ka5 33A 33Ac 33Am 65F 65Fr

Material studied: S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: These records are new for the fauna of İçel Province.

**72. *Prolepsis ocellata* (Frivaldszky,1845)**

Synonymy: *ocellata* Frivaldszky,1845; *ommatophoraria* Guenée,[1858]

Range (as code): TR GR Cr Rd CY LB Bei IL Pa Js Tbs 01 07 27 31 32 33 35 46 48 80 01D 01G 01J 07B 07Bb 07O 27D 27Db 31A 31K 31Ka 31Ka5 31Ka7 33A 33Ac 33Ad 33Aj 33Am 33An 33Ao 33Ar 33G 33E 33F 33P 33O 33R

Material studied: 7♂4♀. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 17.viii.2018, 5.vi.2019, M. Kemal & A.Koçak leg. - 4♂♀. Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. - 23♂♀. Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, 14.vii.2018, 13.iv.2019, 6.vi.2019, M. Kemal & A.Koçak leg. - 1♀. Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M. Kemal & A.Koçak leg. - 1♂2♀. Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018). This is one of the commonest species in Anamur district. In Turkey, it was hitherto recorded from Adana, Antalya, Gaziantep, Hatay, Isparta, İçel, İzmir, Kahramanmaraş, Muğla and Osmaniye. In 2016, a new subspecies *cypria* was described by Stadie & Stadie from Cyprus. Here, the genetic distance between Anamur and Cyprus populations is calculated. There is no genetic difference (0.00%) between them. As a result of this molecular analysis, we encounter two alternatives: Firstly, the subspecies *cypria* occurs in Anamur, if it is a valid taxon. Secondly, the name *cypria* Stadie & Stadie,2016 is junior synonym of *ocellata* Frivaldszky,1845, existing on the mainland.

**73. *Proteuchloris neriaria* (Herrich-Schäffer,[1852])**

Synonymy: *neriaria* Herrich-Schäffer,[1852]. Range (as code): YU BG GR Cr TR Cc GG Smt Bjo IL Pa LB Bsa CY 01 05 13 14 16 17 23 31 33 46 80 05A 13F 16A 23M 31C 33A 33Am 33An 33G 46G 46Gf 80B 80Bc

Material studied: 4♂. İçel Prov., Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

**74. *Protorhoe* sp.**

Material: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

**75. *Protorhoe beshkovi Rajaei*, Stadie & Hausmann,2017**

Synonymy: *beshkovi* Rajaei, Stadie & Hausmann,2017

Range (as code): TR 07 33 42 07K 33A 33Ae 42D

Material studied: 5♂1♀. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**76. *Pseudopanthera syriacata* (Guenée,1858)**

Synonymy: *syriacata* Guenée,1858; #*syriacaria* Wiltshire,1958

Range (as code): TR LB Bsa Bei IL Pa Car Js IQ Dia Ry Rzw Brs 01 02 13 21 30 31 33 44 46 47 56 65 73 80 01G 01J 02F 02Fe 02Fz 13G 13Gö 13Gğ 13F 13F25a 21N 21Nb 21Nc 30B 30Bc 30Bc5 30Bd 30Br 30Bt1 30Bz 30D 30Df

3A 31Aa 31K 31Ka 31Ka1 31L 31La 31M 33A 33Ac 46G 46Gf 46Gi 56F 65A 65Ai 65An 65Am 65Am1 65Am4 65As 65Au 65D 65Dl 65Dlc 65Dj 65Dr 65Drb 65Dt 65Du 65Dy 73A 73Aç2 73E 73Eb 73F 80B 80Bc

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**77. *Pseudoterpnacoronillaria* (Hübner,[1817])**

Synonymy: coronillaria Hübner,[1817]; cinerascens Koch,1854 nec Z.,1847; #coronilleria Rebel,1939

Range (as code): DZ Clo PT ES Mu FR Co Sa Si IT TR IL Pa Hf LB Bei Bsa CY JO 01 17 31 33 35 46 48 80 01D 01G 01J 17H 31C 31K 31Ka 33A 33Ac 33Am 33Ao

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 19.viii.2015, M. Kemal & A.Koçak leg. - 1♀. Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**78. *Rhodometra sacraria* (Linnaeus,1767)**

Synonymy: sacraria Linnaeus,1767; labda Cramer,1777; sacralis Thunberg,1784; fulvaria Fabricius,1794; sanguinaria Esper,1801; minervae Gistl,1856; labdaria Guenée,[1858];

Range (as code): MA DZ TN PT ES Mu FR Co Sa Si IT MT IE GB BE NL LU DE CH AT CZ SK HU RO YU AL BG GR Cr Rd TR IL Pa Car Jf Js Hf LB Bsa CY IQ Agh TH IR Shr Fa Sse Ahz DK NO SE EE LV RU MD UA BY AF Ca PK Bl Cp Qu ZA ZA04 ZA05 ZA06 ZA27 Kzu Nta Lpo Tva Spb Mdk SH MG MN CN KG sKG Tks Dtk Mre Cp Haz Cls Cn Md Az IN AZ Nv AM Cm SY Hal YE Bea Clo Orn Ges MM ZW TM NA AE CL Gg Cls 01 05 06 07 09 12 13 16 17 22 23 27 30 31 33 34 42 44 45 46 48 51 52 56 58 59 63 65 72 73 01B 01D 01G 01H 01J 01L 01Le 05A 09K 09Ka 12A 12Ai 13A 13Aç 13Ax 13F 13F22 13F25 13F25a 13F38 13G 13G1 16A 23M 30B 30Bç 30Bç1 30Bz 31K 31Ka 33A 33Aa 33Ak 33An 33G 33R 44L 44Lc 48L 52G 52Gb 56F 56Fa 56F1 58N 63D 65A 65Ai 65Am2 65Am4 65Am 65D 65Df 65G 65Gb 65Gn 65Go 65F 65Fp 65Fz 65K 65Kl 65Z 65Kr 65N 65Nc 65Nc2 65Np 65Nm 73F

Material studied: 1♂. İçel Prov., Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**79. *Rhodostrophia (s.str.) discopunctata* Amsel,1935**

Synonymy: tabidaria auct. nec Zell.,1847; discopunctata Amsel,1935

Range (as code): RO YU AL MK BG GR IL Pa Car Js Mer LB Bei Bsa JO TR Cc GG AM IQ 02 05 06 13 14 16 17 18 21 23 27 28 29 30 31 33 36 38 42 43 44 46 49 50 56 58 60 65 70 72 73 80 81 02F 02Fd 02Fz 05A 13G 13Gz 13F 13F6 14G 14Gb 16A 18F 21N 21Nh 23M 27D 27Db 28N 30B 30Bç 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka3 31Ka5 33A 33Ae 36D 36Db 42B 44L 44Lc 46G 46Gf 49F 49Ff 56F 56Fb 56F1 56Ft 58N 60G 65A 65Ai 65An 65Am 65Am1 65At 65At5 65D 65Dd 65Dda 65Dl 65Dlc 65Dr 65Drb 65F 65Fd 65Fz 65Fr 65N 65Np 65Np1 65Np2 65Np5 65Nr6 65Nr7 65Nm 70C 70Ce 72E 72Ei 73F 80B 80Bc 81E

Remarks: New record for the fauna of İçel Province.

**80. *Rhoptria asperaria* (Hübner,[1817]) (Figs. 9,10)**

Synonymy: asperaria Hübner,[1817]; collata Hübner,[1826]; pityata Rambur,1829; esteparentis Agenjo,1933; #aspersaria Zukowsky,1941

Range (as code): DZ Clo PT ES Mu FR Co Sa Si IT CH YU AL BG GR Cr TR CY 14 16 17 33 34 42 46 16A 33A 33Ao 34C 42B

Material studied: 1♂(GP3238). İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 1♂. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.



**Figs. 9, 10 - *Rhoptria asperaria*.** Male genitalia and upperside of the male (GP3238). İçel Prov., Anamur, Korucuk W. 120m (330). M. Kemal (Cesa).

### 81. *Scopula imitaria* (Hübner,[1799])

Synonymy: *fimbriata* Fourcroy,1785 nec Schreb.,1759; *imitaria* Hübner,[1799]

Range (as code): MA Tgr DZ TN LY PT ES Mu FR Co Sa Si IT MT IE GB BE NL CH RO YU AL BG GR Cr Rd CY TR Cc GG Bjo Kir Lag Len AZ DK RU MD UA BY SY IL Pa LB Bei 01 05 07 09 10 14 16 22 31 33 34 35 45 48 57 59 76 81 01G 01J 01M 05A 16A 31K 31Ka 31Ka3 31M 33A 33Ac 48L 76B

Material studied: 1♂. S. Turkey, İçel Prov., Anamur Ovabaşı 2km W 100m (33Am), 14.vii.2018, 1♂ 24.vii.2018, M.Kemal & A.Koçak leg. - 4♂. Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### 82. *Scopula marginepunctata* (Goeze,1781)

Synonymy: *marginepunctata* Goeze,1781; *conjugata* Borkhausen,1794; *aniculosata* Rambur,1829; *puellaria* Boisduval,1840; *mutaria* Heydenreich,1851; *promutata* Guenée,[1858]; *promutaria* Morris,1861; *apertaria* Walker,[1863]; *madoniata* Fuchs,1901; *pastoraria* Joannis,1891; #*marginipunctata* Rothschild,1914; *britonaria* Oberthür,1917; *subatrata* Wagner,1919; #*insubrica* Vorbrot,1930

Range (as code): MA Rf DZ Ges TN PT ES Mu FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR Cc AM GG Tbl Bjo Kir Ber Ord Nv AZ Nv Arr IQ IR Ab Oru Elb Th Fa DK SE LV LT RU Da MD UA Cm BY KG Ket Kyr Ui Ku Ju Kön LB Bsa IL Pa Jf MN 01 02 05 06 13 14 16 17 21 22 23 24 30 33 34 35 38 39 42 44 46 52 56 58 59 60 61 65 71 72 76 80 81 01D 01G 01H 01L 01Le 01Lh 02F 02Fd 02Fe 02Fz 05A 05G 06D 13B 13Ba 13F 13F25 16A 21N 21Nh 22C 22Ca 23M 30B 30Bc 30Bc5 30Bç1 30Bt1 30Bz 30D 30Df 33A 33Ae 42B 44E 44Ei 46D 46Dc 52G 52Gb 56F 56Fg 58N 60H 60Hb 61K 61Ka 65A 65Ai 65Am 65Am1 65An 65Am4 65D 65F 65Fm 65Fr 65Fp 65Fz 65K 65K1 65Z 65L 65Lb 65Le 65N 65Nc 65Np 65Np1 65Nm 76D 76Da

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### 83. *Scopula ornata* (Scopoli,1763)

Synonymy: *ornata* Scopoli,1763; *instilata* Hufnagel,1767; *paludata* Linnaeus,1767; *instituta* Rottemburg,1777; *interrupta* Goeze,1781; *intersecta* Fourcroy,1785; *ornataria* Hübner,[1799]; *paludalis* Schrank,1802

Range (as code): MA DZ Ges Lbs Clo TN PT ES Mu FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR Cc GG AZ AM Nv IQ DK SE FI EE LV LT RU MD UA BY KG Ksa Kain Ui Kun Kön AF Ca PK Bl Qu Haz Mre 01 05 06 07 09 11 13 14 16 17 18 22 23 29 30 33 34 39 44 52 59 61 65 73 76 77 81 01M 05A 06R 06Rd 13F 13F25 13F38 13F7 13F71 13G 13Gs 13Gw 16A 18F 23M 30D 30Df 33A 33Am 44E 44Ei 52A 52G 52Gb 61K 65A 65Ai 65Am 65Am1 65Am4 65Au 65At 65At5 65D 65Df 65F 65Fd 65Fr 65Fz 65G 65Go 65Gs 65N 65Np 65Nm 73F 76D

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### 84. *Scopula submutata* (Treitschke,1828) (Fig.53)

Synonymy: *submutata* Treitschke,1828; *submutaria* Boisduval,1840; *submutulata* Rebel,1902; *pseudhonestata* Wehrli,1926

Range (as code): MA DZ PT ES FR Co Si IT CH RO YU HV MK B-H AL BG GR Cr TR LB Bei Bsa Cc GG AZ Nv IQ Kad IR Glz Kh TM Kp IL Pa IR Fa Sse Com Kz Shr AF PK 01 05 06 07 13 16 17 21 24 27 31 33 42 45 46 47 56 58 71

01B 01D 01J 05A 13F 13F71 13G 13Gü 13Gw 16A 21L 21Lc 21N 21Nb 27D 27Da 27Db 27Dd 33A 33Ae 33G 42B 46G 46Gf 56F 56Fh 58N

### 85. *Selidosema brunnearium* (De Villers, 1789)

Synonymy: brunnearia De Villers, 1789; ericetaria Villers, 1789; subfimbriata Haworth, 1812; oelandica Wahlgren, 1913; parenzani Husmann, 1993

Range (as code): PT ES FR Si IT IE GB BE NL DE CH AT PL CZ HU AL GR TR Cc GG Kir Bjo AZ DK NO SE RU MD UA BY 05 24 33 44 56 76 05A 33A 33Ac 44I 44Ic 56F 76C

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

### 86. *Stueningia wolfi* Hausmann, 1993 (Fig. 72)

Synonymy: wolfi Hausmann, 1993

Range (as code): TR 01 07 30 33 42 65 72 01J 07A 07C 30B 30Bç 30Bz 33A 33Am 33P 42J 42O 65D 65Dx

Material studied: 17♂♀. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5.vi.2019, M.Kemal & A.Koçak leg. - 1♂1♀. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 1♂ (barcoded as "Geom 030-Cesa") 1♀. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

### 87. *Tephronia oppositaria* Mann, 1864 (Fig. 73)

Synonymy: oppositaria Mann, 1864

Range (as code): MK AL BG GR TR Cc AZ RU IR Elb Glb SY 01 16 33 39 42 01L 01Le 01Lf 16A 33A 33Ae 33An 39K 42B

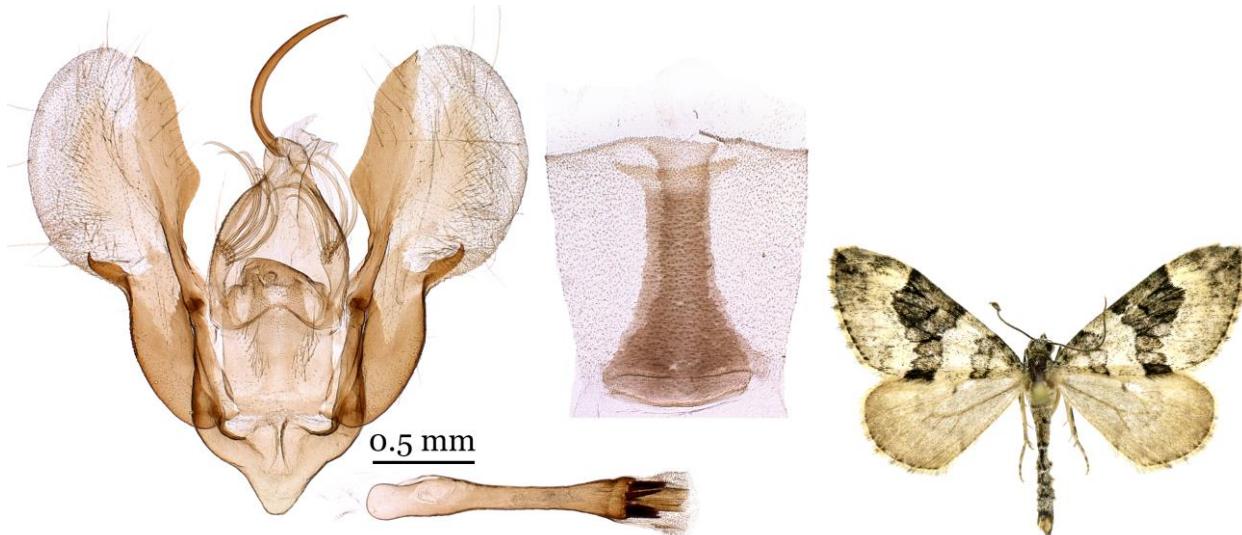
Material studied: 2♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 2♂1♀. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### 88. *Thera* sp. (Figs. 11-13, 74-75)

Material studied: 46♂♀ (GP3227, also barcoded). S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: A variable species. It is hard to identify according to the external and the genitalic features. In South Turkey, there is a taxon, *subtaurica* which was describe by Wehrli from Maraş and Lebanon. The genetic distance of *subtaurica* and *variata* from Balkans is 2.2% (Hausmann & Viidalepp, 2012: 235). This means that *subtaurica* may be considered as a distinct species. We confirm here this result. However, the *Thera* population from Anamur could not be compared genetically with the Maraş population, so far. Therefore, were mention this species here as "*Thera* sp."



Figs. 11-13 - *Thera* sp. Male genitalia and upperside of the male (GP3227). İçel Prov., Anamur, Çiçekyurdu 1620m, M.Kemal (Cesa). This specimen is also barcoded as "Geo 054-Cesa".

**89. *Wehrliola revocaria* (Staudinger,1892)**

Synonymy: revocaria Staudinger,1892; #fasciata Wagner,1931.

Range (as code): TR LB Bei IL Pa Hf 01 23 33 42 46 01L 01Lb 23M 33A 33Ae 33Aj 42B

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018). The male from Anamur was barcoded as “Geo 027-Cesa”.

**90. *Xanthorhoe fluctuata* (Linnaeus,1758)**

Synonymy: fluctuata Linnaeus,1758; fibulata Hufnagel,1767; cinerata Fourcroy,1785 nec Fabr.,1781; costovata Haworth,1809; fluctuaria Boisduval,1840; multistriga Oberthür,1910

Range (as code): MA DZ Clo Cst TN ES Mu FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR Cc GG AM AZ IQ IR Fa DK NO SE FI EE LV LT RU Kol K-R Sb Am Kmt Sh MD UA Cm BY IL Pa Jf LB Bsa KK KG Ui Kön KP KR JP 01 05 06 14 16 17 21 22 23 31 33 34 39 42 46 48 49 51 52 56 58 65 73 01G 05A 16A 21N 21Nh 23M 31D 31K 31Ka 33A 33Ac 33Ak 42B 48L 49F 49Fb 52G 52Gb 56F 58N 65A 65Ai 65Am 65Am4 65F 65Fr 65Fu 73A 73Aç 73E 73B

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**Gracillariidae****91. *Caloptilia alchimiella* (Scopoli,1763)**

Synonymy: alchimiella Scopoli,1763; crucifera Fourcroy,1785; swederella Thunberg,1788; thunbergella Fabricius,1794; frankella Hübner,1796; thunbergii Haworth,1828; hilaripennella Treitschke,1833; sardiniella Amsel,1936

Range (as code): PT ES FR IT Sa IE GB BE NL LU DE CH AT PL CZ SK HU MK B-H SS YU HV RO TR DK NO SE FI EE LV LT RU MD UA BY Cc Ur IR Gls KG 13 16 30 33 56 65 13A 13Ab 13Ax 13G 13Gb 16A 30D 30Df 33A 33Ac 33Ak 56F 65A 65Am 65Am4

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**92. *Phyllonorycter abrasella* (Duponchel,1843)**

Synonymy: abrasella Duponchel,1843; abrasella Zeller,1846

Range (as code): FR IT DE AT CZ SK HU RO MK HV BG AL GR TR RU 16 33 71 16A 33A 33Ac 71C

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**Hepialidae****93. *Triodia amasina* (Herrich-Schäffer,[1851])**

Synonymy: amasinus Herrich-Schäffer,[1851]; #signata Spuler,1910; dobrogensis Caradja,1932; pinkeri Daniel,1967

Range (as code): RO MK AL BG GR TR 05 06 10 12 13 22 23 26 33 42 45 46 58 63 65 70 71 05A 12A 12Ab 13F 13F25 13G 13G1 22C 22Ca 23C 33A 33Ae 42B 46D 46Dc 58N 65D 65Df 65F 65Fq 65K 65Ku 65Z 65Kd 65Kg 65N 65Nm 70C 70Ca 70Cg 71C

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018). The Hepialidae of Turkey was newly reviewed by the authors (Kemal, Kızıldağ & Koçak, 2020a).

**Lasiocampidae****94. *Chondrostega* sp.**

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**95. *Dendrolimus pini* (Linnaeus,1758) (Fig.54)**

Synonymy: pini Linnaeus,1758; paulae Daniel,1959; adriatica Michieli,1959; calabrica Marini,1986

Range (as code): PT ES FR Co Si IT BE NL LU DE CH AT PL CZ SK HU RO BG GR TR DK NO SE FI EE LV LT RU MD UA BY Cc GG Smt Bjo Mng AM AZ 03 05 06 08 11 14 17 19 24 25 33 36 37 42 46 53 60 61 62 70 75 80 05A 06R 06Rb 08C 08H 17M 19G 24G 25D 33A 33Ae 36F 46G 46Gi 60C 61K 61Ka 62H 70A 75F 75Fb 75Fd 80B 80Bb

Material studied: 4♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

#### 96. *Lasiocampa grandis* (Rogenhofer,1891)

Synonymy: *grandis* Rogenhofer,1891; *salomonis* Staudinger,[1892]

Range (as code): MK AL BG GR TR IQ Ama Agh Amr LB Bsa IL Pa Hf Cc AM Arr AZ Nv GG IR Fa Shr o1 o6 o7 11 12 13 14 19 30 31 33 34 41 42 44 46 50 56 58 62 63 65 72 73 o1L o1Lk o6R o6Rb o6Re o7C 12A 12Aa 12E 13C 13Cf 13F 13F38 13G 13Gü 13Gw 19P 30D 30Df 31K 31Ka 33A 33Aj 34S 46G 46Gf 56A 56Aa 56F 56Fo 58N 62E 63B 63Ba 65A 65Ai 73D 73Df

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 97. *Pachypasa otus* (Drury,[1773]) (Fig.55)

Synonymy: #*otus* Drury,[1770]; *otus* Drury,[1773]

Range (as code): Si IT RO YU AL BG GR Rd Cr Ae Nx Sms CY TR LB Bsa IR Fa IQ AZ AM GG Cc o1 o5 13 16 21 30 31 33 35 56 62 65 73 o1L o1Lb o5A 13F 13F38 16A 30D 30Df 31K 31Ka 31Ka5 33A 33Ac 33Ae 33Ao 33G 35U 56F 56Fb 56Fq 65A 65Ai 73A 73Ad 73Ad2

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 98. *Phyllodesma (s.str.) tremulifolium* (Hübner,[1810])

Synonymy: *betulifolium* Ochsenheimer,1810 nec *Esp.*,1782; *tremulifolium* Hübner,[1810]; *danieli* De Lajonquière,1963; #*tremulifolium* De Freina,1999

Range (as code): PT ES FR Si IT BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Smt Bjo Lag EE RU MD UA BY KK lk CN Ui Ii o1 o5 o6 o7 10 12 13 24 25 30 31 32 33 36 42 46 49 56 58 60 62 64 65 71 o1H o1L o1Le o5A o5G o6R o6Re o7B o7C 12A 12Ac 12E 12Ea 12Ed 12A 13C 13Cf 13F 13F38 13G 13Gü 13Gs 13Gw 30B 30Bh 30Bt1 30Bz 30D 30Da 30Df 31K 31Ka 31Ka3 32C 33A 33Ac 33Am 33G 33R 33Rb 36F 42R 49E 49Fa 56F 56Fs 58G 62E 65A 65Am 65Am4 65Ai 65D 65Dm 65Ds 65F 65Fe 66P

Material studied: 5♂. S. Turkey, İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, 5.viii.2019, M. Kemal & A.Koçak leg. - 1♂. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 3♂. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### Lecithoceridae

#### 99. *Homaloxestis hades* Gozmany,1978

Synonymy: *hades* Gozmany,1978

Range (as code): TR CY 33 46 33A 33Ac

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

#### 100. *Odites (Gozmaniola) kollarella* (Costa,[1836]) (Fig.62)

Synonymy: *kollarella* Costa,[1836]; *walkenaerana* Duponchel,1835; *luteella* Duponchel,1840; *flavedinella* Heydenreich,1851

Range (as code): PT ES FR Co CH IT SS YU HU GR AL TR Cc CY LB TM o5 13 16 33 65 71 o5A 13F 13F38 16A 33A 33Ac 33An 33Ao 65D 65Dlc

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### Lymantriidae

#### 101. *Lymantria (Porthetria) dispar* (Linnaeus,1758)

Synonymy: *dispar* Linnaeus,1758; *disparina* Müller,1802; *disparoides* Mabille,1876; *bordigalensis* Mabille,1876; *asiatica* Wnukowsky,1926; *andalusica* Reinig,1938; *hokkaidoensis* Goldschmidt,1940; *mediterraneae*

Goldschmidt,1940; bocharae Goldschmidt,1940; chosensis Goldschmidt,1940; koreibia Bryk,[1948]; kolthoffi Bryk,[1948]

Range (as code): MA DZ Sbd Btba TN Dhm PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Cr TR DK SE FI EE LV LT RU Sb At Us To Vv MD UA BY AM AZ Len GG Bjo Smt Mng Lag Cc KK KG IQ Hjo Dk LB IR Mz Elb Sari Ha Ab Oru CN Lng Pkn Ui Kön Sz Mc SY CY AF Db Kdy JP MN KP KR TM Hkk TJ UZ IN TW CA On BCo US Col Ut Cf Fl Io Mai Ny Oh Org Krl Glv o6 o7 10 11 12 13 17 19 23 25 30 31 33 36 46 48 49 50 56 62 65 67 71 76 06R 06Ra 06Rb 06Rd 07A 07B 07C 10K 10Ka 12A 12E 12Eb 12Ec 12Ed 13F 13F38 19P 23D 25A 25F 30B 30Ba 30Bç 30Bt1 30Bz 30C 30Cd 30D 30Da 30Dx 31K 31Ka 33A 33Ae 33F 33R 33Rb 36D 36Db 48L 49E 49Fa 50G 56F 56F6 62H 62E 65D 65Dl 65Dlc 65Dn 65F 65Fo 65L 65Lb 67D 76C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

## 102. *Parocneria terebinthi* (Freyer,[1838])

Synonymy: terebinthi Freyer,[1838]; unicolor Staudinger,[1895]

Range (as code): RO YU BG GR Cr TR GG Aba Cc o1 o2 o5 o6 o7 o8 o16 30 33 42 46 47 60 65 80 o1A o1L o1Lh o2F o2Fd o2Fz o5A o6R o6Re o7C o8H o8Ha 16A 30B 30Bf 30Bz 33A 33Ac 33G 33F 33N 42B 46G 60C 65D 65Dl 65Dlc 8oG

Material studied: 1♂1♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

## 103. *Polymona lapidicola* (Herrich-Schäffer,[1852])

Synonymy: lapidicola Herrich-Schäffer,[1852]; atlantica Herrich-Schäffer,[1852] nec Rmb.,1837; urbicola Staudinger,1861; urbicola Staudinger,1879 nec Stgr.1861; phoenissa Rogenhofer,1891; mardina Staudinger,1892; libanicola Staudinger,1892

Range (as code): Rd Sa TR Cc AM AZ Kir SY CY IQ Rwz LB Bsa IL Pa Hf JO o1 o5 o6 o7 13 14 19 21 23 27 30 33 35 36 42 44 46 47 48 50 56 63 65 71 72 73 o1H o1L o1Lb o5A o7B o7Bb o7C 13A 13Ab 13Ac 13Ac2 13Ax 13F 13F25 13F8 14I 19P 21L 23I 27D 27Da 30D 30Dx 33A 33An 33P 36D 36Db 42B 44E 44Eh 44F 44Fa 44L 44Lc 46G 46Gf 46Gi 47D 47Db 48D 50G 56E 56Eb 56F 56Fa 56Fb 56Fç 56Fg 56Fö 56Fo 56Fq 56Fs 56Fv 63M 65A 65Am 65Am4 65Ac 65Ac3 65D 65Df 65Dv 65Fz 65Kb 65Z 71B 73A 73Ab 73D 73Da 73Df 73Df 73E 73Eb

Material studied: 4♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

## Micranoctuidae

### 104. *Micronola karsholti* (Fibiger,1997)

Synonymy: karsholti Fibiger,1997

Range (as code): CY Rd Cr Sms Kos GR TR o7 33 42 48 70 o7A o7G 33A 33Ae 33An 33O 42E 48G 48Gb 70 70C 70Cg

Remarks: New record for the fauna of İçel Province. The material will be studied later.

## Noctuidae

### 105. *Acontia (s.str.) lucida* (Hufnagel,1766)

Synonymy: lucida Hufnagel,1766; solaris [Denis & Schiffermüller],1775; albicollis Fabricius,1781; rupicola Borkhausen,1792; insolatrix Hübner,[1822]; triradiata Walker,[1858]; lugens Alpheraky,1889; heliodora Schwärda,1923

Range (as code): Cn MA DZ TN LY EG PT ES Mu FR Co Sa Si IT MT GB NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR LB Bsa IQ Mos Agh kut Bgd Kro Bji SA FI LV RU MD UA BY IR Hz Ss Fa Elb Men Ahz GG AZ Len Cc AM TJ Pm AF Asm Nu Kab Hr Pli Gbh Bd Fz Dwe PK IN Ui Ku Li Txl Tek IL Pa Hf Md At KG SY JO Sn Th Mia Kaz Mz B-A UZ N-A KK Skm Osh Ro Kr St Kb Ich Kyi Da IN Pj C-P Kba Cp Smt Tbl Bjo Mng Der Btba Bsk Ktr Hmk Khh Ahr Ktr Perr Hrh Berr Saia Ges Lgt Ndr Abe Sbd Agi Orn Rbt Phv Tgr Hrh Hes Onç o1 o5 o6 13 16 18 23 24 30 31 32 33 34 35 41 42 46 50 51 58 65 71 73 76 05A 13C 13Cf 13F 13F35 16A 30B 30Bç 30Bc5 30Bz 31K 31Ka 33A 33Am 33G 33R 33Rh 42J 42X 42Xa 46G 46Gf 65D 65Ds 65Du 65E 65Eb 65Ed 65F 65Fp 65Fz 65M 65Mc 65Md 65N 65Np2 65Np6 65Nm 73A 73Ab 76B 76Bb 76D 76Dğ

Material studied: 1♂ (first generation). S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 12.iv.2019, M.Kemal & A.Koçak leg. (Cesa).

### 106. *Acronicta (Triaena) aceris* (Linnaeus,1758)

Synonymy: aceris Linnaeus,1758; infuscata Haworth,1809; paradoxa Boisduval,1829

Range (as code): PT ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ Agh LB CY SY IL Pa Hf JO DK NO SE FI EE LV LT RU Cc GG Smt Bjo Mng Lag AZ Len Ro Kr St Kc MD UA BY IR Fa Mz Elb Gh Glz Kh Sbz AF Kab TM CN Ui Ku o1 o2 o5 o6 o7 11 13 16 17 24 25 30 31 33 35 36 37 39 42 46 47 50 56 58 62 65 73 76 o1D o1H o1K o2F o2Fd o2Fz o5A o6R o6Rk 11B 13C 13Cf 13F 13F38 16A 25F 30B 30Ba 30Be 30Bf 30Bh 30Bi 30Bt1 30Bz 30D 30Df 31K 31Ka 33A 33Ao 33E 33G 56F 58N 65A 65Am 65Am4 73A 73Ab 73Ad 73Ad2 76C

Material studied: 2♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

**107. *Acronicta (Viminia) rumicis* (Linnaeus,1758)**

Synonymy: rumicis Linnaeus,1758; litterata Panzer,1804; salicis Curtis,1826; diffusa Walker,1857

Range (as code): MA DZ PT ES Mu FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG  
 GR Cr TR GG AM AZ Cc IL Pa Hf IQ IR Fa Ke Gh Elb Clu Dam Th Kdj Mz Kd Snj Lo DK NO SE FI EE LV LT RU Cc Ro  
 Kr St Kb Nt Ich Kyi Da MD UA BY CY LB Bsa JO SY AF Pli Srb Fz Kab KG Lvv Tk Dj KK Skm Ik Ui CN KP KR Sh Sb UZ  
 Fe JP Tbl Da Der Len Nv Ord Abe Hrh Sét Btna Tgr Clo Dhm Sbd Anna TN 01 03 05 06 07 08 14 16 21 25 26 30 31 33 37  
 42 45 46 50 51 55 56 58 62 63 65 66 67 72 05A 08H 08Hc 16A 21L 26K 30B 30Bc 30Bz 30C 30Ci 30D 30Df 30Dx 31K  
 31Ka 33A 33Ao 33E 55F 56F 58N 63E 65A 65Ai 65F 65Fa 65Fr 65Fç 65Fz 65K 65Kp 65L 65Lb

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5. vi.2019,  
 M.Kemal & A.Koçak leg. (Cesa).

**108. *Agrotis (Crassagrotis) bigramma* (Esper,[1790])**

Synonymy: bigramma Esper,[1790]; crassa Hübner,[1803]; lata Treitschke,1835; golickei Erschoff,1872;  
 huguenini Rühl,1891

Range (as code): PT MA DZ TN ES FR Co Sa Si IT IE GB BE DE CH AT PL CZ SK HU RO YU AL BG GR Cr  
 TR Cc AM GG Smt Bjo Lag AZ Kir CY IQ Brs Dia Ry Rzw Bgd Mos Agh Amr Dy Mj DK RU Ro Kr Da At MD UA BY IR Kh  
 Gh Elb Th TM Kp CN EG AF LB IL Pa Hf SY Hal JO Abe Sbd Orn Tun Agi Rbt Dhm Perr 01 03 05 06 07 08 13 14 18 21  
 25 33 36 42 46 50 56 58 59 61 62 63 65 70 72 73 75 01A 01D 01L 01Lb 01Li 01Lk 03H 06D 06Da 06R 06Rb 06Y 06Yb  
 08H 08Hb 13A 13Ab 13Ax 13F 13F38 13G 13Gü 13Gw 14I 18F 21F 21N 21Nb 25A 25C 25Ca 25F 25R 25Rb 33A 33Ae 33E  
 36F 36Fb 42B 42D 50G 50Gd 56F 58R 59D 63E 65F 65Fa 65Fr 65Fp 65Fz 65Fj 65Fş 65K 65L 65Le 65N  
 65Nc 65Ku 70C 70Cb 73D 73Df

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**109. *Agrotis (Putagrotis) puta* (Hübner,[1803])**

Synonymy: puta Hübner,[1803]; radius Haworth,1803; renitens Hübner,[1824]; lignosa Godart,1825;  
 erythroxylea Treitschke,1826; radiola Stephens,1829; meridionalis Spuler,1905; minima Turati,1924; silvestrii  
 Turati,1924; insula Richardson,1958;

Range (as code): MA DZ Onç Hrh Kdr Bsk Agi Sét Ceg Btna Ges Abe BSa Afl Perr Sbd Orn TN PT ES FR Co  
 Sa Si IT MT GB BE NL DE CH AT PL HU RO YU AL BG GR Cr CY TR IQ Agh Kku Kq DK RU Cc Kr MD UA BY AF Hr IR  
 Hz Fa Bu Dlk TM Kp LB IL Hf Pa SY JO Sn 01 05 06 07 09 11 14 15 16 17 18 20 26 27 31 33 34 35 46 50 52 55 56 59 57 63  
 67 71 72 80 01C 01N 05A 05G 06Y 06Yb 07B 09D 11A 15C 16A 18F 20K 27D 27Db 27Dc 31L 31La 31K 33A 33Ak 33C 33E  
 33F 50G 50Gd 52H 56E 56Eh 56F 56Fb 59D 63B 63Ba 63E 63M 80E

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**110. *Agrotis (s.str.) epsilon* (Hufnagel,1766)**

Synonymy: epsilon Hufnagel,1766; suffusa [Denis & Schiffermüller],1775; idonea Cramer,[1780]; spinula  
 Esper,[1786]; spinifera De Villers,1789.

Range (as code): PT MR MA DZ TN LY ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU  
 RO YU AL BG GR Cr CY TR DK NO SE FI EE LV LT RU MD UA BY IR Fa Lo Kh IQ Agh Amr kut MN PK Bl Qu AF Kab  
 Gbh Srb Arh LB Bsa SY IL Pa JO Sn EG IN Up Bhi Nnt Kil ZA Tva Lpo Spb Mdk Gg Cls Lvv Hu Rd Hf Nwf AU NC FJ NZ  
 HW EA Th Elb Mz Dam Hz GG Smt Bjo Lag Len AZ AM Cc UZ KK KG TJ TM Ro Kr St Kc Kb Nt Ich Ing Da Kyi ET ET24  
 Rv Thu LK Pdy Dck Pdn Ab Oru Glz Kh Ges Ah Sbd Btna Bsk Orn BSa Abe Dhm Afl Onç Ah Ajj Idl Ath 01 03 05 06 07  
 08 11 13 14 15 16 18 20 21 25 27 29 30 31 32 33 35 36 37 42 44 46 47 48 49 50 51 56 57 58 62 63 65 67 69 71 72 73 80 01D  
 01L 01Lf 05A 06R 06Rb 08H 11E 13A 13Ab 13Ax 13B 13F 13F25 13F38 13G 13Gg 13Gf 13Gs 13Gw 14B 14Bb 16A  
 18F 21N 21Nh 25A 25R 27B 29F 30B 30Bc 30Bz 30D 30Df 30Dx 31K 31Ka 33A 33Ac 33Ae 33Aj 33Ao 33Ar 33E  
 33R 33Rh 36F 36Fb 42R 42Rc 44L 44Lc 46K 47E 48L 49F 49Fb 50G 50Gd 51B 51Ba 51D 51Da 56F 56Fa 56Fo 58G 58N  
 63B 63Ba 63D 63M 65A 65Ai 65An 65D 65Dh 65Df 65Dl 65Dlc 65Ds 65E 65Eb 65F 65Fa 65Fb 65Fd 65Fg 65Fi 65Fr  
 65Fp 65Fz 65Fu 65K 65Kl 65L 65Lb 65Le 65N 65Nc 65Nc2 65Np 65Nm 69B 73A 73Ad1 80E 80Ea

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Gökcé valley 170m (33Ar), 4.viii.2019,  
 M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**111. *Agrotis (s.str.) segetum* ([Denis & Schiffermüller],1775)**

Synonymy: segetum [Denis & Schiffermüller],1775; sordida [Denis & Schiffermüller],1775; undulatus  
 Goeze,1781 (praeocc.); nigricornis De Villers,1789; segetis Fabricius,1794; catenatus Haworth,1803; monileus  
 Haworth,1803; pectinatus Haworth,1803; connexus Haworth,1803; subatratus Haworth,1803; nigricornutus  
 Haworth,1803; praecox Hübner,[1808]; fervida Hübner,[1824]; affinis Stephens,1829; sicula Boisduval,1840; dimidia  
 Zeller,1847; sicania Guenée,1852; marginalis Walker,1857; aversa Walker,1857; correctus Walker,1857; obliviousus  
 Walker,1857; denticulosus Wallengren,1860; certificata Walker,1865; conspurcatus Walker,1865; repulsus Walker,1865;  
 ingratus Butler,1878; pallidus Staudinger,1881; lassa Swinhoe,1886.

Range (as code): Cn MA DZ TN LY EG PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU  
 RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA BY CY IR Fa Lo Ss Kh Ha Mz IQ MN CN Uİ Ku PK Bl Qu AF  
 Hr Srb Gbh Blh Arh Fz ZW Har ZA Mpu Brb Gau Pre Jh Tva Lpo Spb Mdk Nta Kzu LB Bsa IL Hf Pa SY JO Sn Tkr Agh  
 Bgd Mj Up Bhi Nnt Kil Kml Gh Th Ab Oru Kz Hz Glz UZ KK KG TJ TM Cc Ro Kr St Kc Kb Nt Ing Ich Da Kyi ET ET24

**Mre Cp Thu Rw LK Pdy Smt Tbl Bjo Kir Kus IN Hp Sml Haz Cte Mh Nsk Ges Afl BSa Khh Ktr Btma Dhm Abe Lbs Agi Gg Cls Bsk Bdj Lgt Ah Sbd Ess Mzg Hrh Dzc Clo Ah Ajj Idl Lvv Kdy 01 05 06 07 11 13 14 15 16 18 21 24 25 27 30 31 32 33 35 36 37 38 42 44 46 49 50 51 56 57 58 60 62 63 65 67 71 72 73 80 01D 01L 01Lf 05A 06R 06Ra 06Rq 06Y 06Yb 07A 07C 11E 13A 13Ab 13Ax 13C 13Cf 13F 13F25 13F38 13G 13Gü 13Gy 13Gw 13Gs 15F 16A 18F 21N 21Nh 25D 27B 27D 27Db 27Dd 30B 30Bç 30Bt1 30Bz 30D 30Df 30Du 30Dx 31K 31Ka 31La 33A 33Ar 33Am 33E 33R 33Rb 35O 36D 36Db 36F 36Fb 38C 38Cb 44E 44Ei 44L 44Lc 49F 49Fb 50G 50Gd 51B 51Ba 56F 56Fa 58G 58H 62G 62Gb 63D 63E 65A 65Ai 65An 65Am 65Am2 65B 65Bn 65Bn1 65D 65Df 65Dg 65Dh 65Du 65F 65Fa 65Fd 65Fg 65F1 65Fj 65Fp 65Fu 65Fz 65G 65Ge 65K 65Kl1 65Z 65L 65Lb 65Le 65N 65Np 65Np1 65Np2 65Nm 73A 73Ad 73Ad1 73D 73Df 80E 80Ea**

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**112. *Amphipyra (Pyrois) effusa* (Boisduval,1828)**

Synonymy: effusa Boisduval,1828; sciaphila Staudinger,1871

Range (as code): MA DZ Hrh Blid Hmk LY ES FR Co Sa Si IT YU AL BG GR Cr CY TR IL Pa Hf LB Bei IR 20 35 33 42 46 48 51 33A 33Ae 33Am 33E 35U 42R 42Rc 51D 51Df

Material studied: 2♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3 v.2018, 1♀ from same place 6.vi.2019, M.Kemal & A.Koçak leg. - 1♂ (GP3228). Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**113. *Amphipyra (s.str.) stix* Herrich-Schäffer,[1850]**

Synonymy: stix Herrich-Schäffer,[1850]; #styx Staudinger,1879.

Range (as code): RO MK BG GR Cr TR Cc AM IL Pa IR Fa Mia 01 05 06 08 12 13 15 25 30 32 33 36 41 42 50 56 62 65 73 01L 01Lb 01Lf 05A 06R 08H 08Hb 12E 12Ec 13A 13G 13Gü 13Gw 25R 30B 30Bh 30Bf 30Bz 30D 30Df 30Dt 33A 33Ae 36F 50G 56F 65A 65Ai 65Am 65Am4 65D 65Dj 65Dv 65F 65Fa 65K 65Kl6 65Z 65L 65Lb 73A 73Ad 73Ad2

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**114. *Antarchaea conicephala* (Staudinger,1870)**

Synonymy: conicephala Staudinger,1870 [April]; conicephala Staudinger,1870 [Oct.]; barcinonensis Milliére,1872; fumicollis Rogenhofer,1873.

Range (as code): MA FR ES An Mlg Mu BG MK GR Cr CY RU IR Gor Hz Ss Ab Mak Elb Th TR Cc AZ Nv Ord IT Si HV SY SA YE AM EG AE SD 04 05 08 33 36 44 56 76 04C 04Cf 05A 08H 33A 33Ac 33R 33Rb 44L 44Lc 56F 76F 76Bb

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**115. *Antarchaea numisma* (Hübner,[1803])**

Synonymy: numisma Hübner,[1803]; leda Herrich-Schäffer,1851

Range (as code): TR GG Cc AF Nu Bsg 01 04 05 06 07 18 19 33 38 42 44 50 70 05A 06C 06Cb 33A 33Ae 33G 44E 44Ei

**116. *Anthracia eriopoda* (Herrich-Schäffer,[1851])**

Synonymy: eriopoda Herrich-Schäffer,[1851]; sareptae Guenée,1852; eriopodooides Strand,1916

Range (as code): MA RO MK BG GR CY TR SY LB IL Hf Pa JO RU Sr 02 07 09 13 16 17 30 33 46 62 65 02F 02Fz 07B 09K 09Ka 13F 13F35 16A 30D 30Df 33A 33Ae 33G 46G 46Gf 62E 65D 65Dh

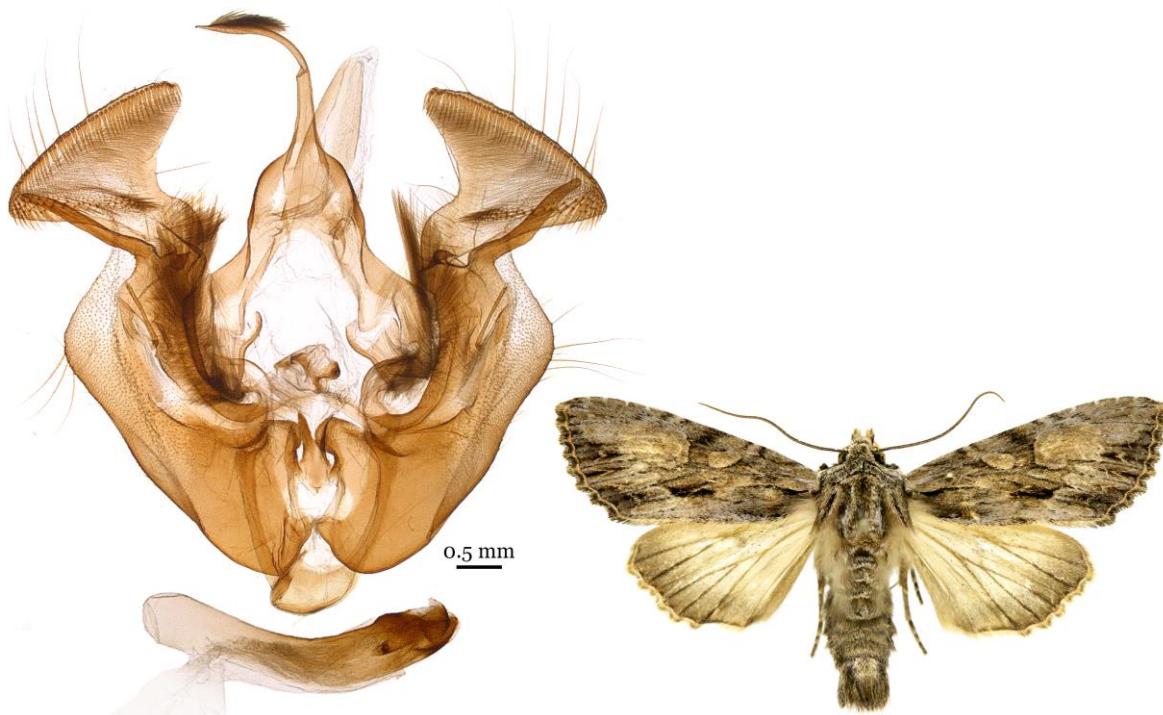
Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**117. *Apamea (s.str.) syriaca* (Ostheder,1933) (Figs. 14,15)**

Synonymy: syriaca Ostheder,1933; #albida Ostheder,1933; tallosi Kovacs & Varga,1969

Range (as code): DZ ES FR HU RO CZ MK BG TR Cc GR IR Ab Oru Mak Sdt Elb Th Kd Snj CY IQ Brs Ry Rzw Dia LB Bsa Bei SY IL Pa 01 02 04 03 05 06 08 11 12 13 16 17 18 24 25 28 30 31 32 33 34 35 36 37 42 45 46 49 50 51 56 58 60 62 65 73 80 01H 02F 02Fd 02Fz 04E 05A 06R 08C 11B 13B 13C 13Cf 13G 13Gf 13Gg 16A 25A 30B 30Bf 30Bh 30Be 30Bz 30D 30Da 33A 33Ae 33E 33G 36F 37P 46K 49E 49Ea 50G 53N 56F 58G 58Gi 58R 58Rc 60C 65D 65Du 65F 65Fa 65Fg 65Fr 65Fm 65Fp 65Fz 65N 65Nc 73C 73Cd

Material studied: 26♂♀ (GP3236♂). S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).



**Figs. 14, 15** - *Apamea syriaca*. Male genitalia (GP3236) and upperside of the male. İçel Prov., Anamur, Çiçekyurdu 1620m. M.Kemal (Cesa).

#### 118. *Arcyophora dentula* (Lederer, 1870)

Synonymy: *dentula* Lederer, 1870; *angulifera* Moore, 1881; *innubila* Swinhoe, 1886

Range (as code): JO Amm TR IR Mz Glz Th Elb Gor Ss Kuh TM AF PK Gg Cls IN Mhw IQ Amr Akr Sbn AM Cc 02 13 33 47 56 63 02F 13F 13F41 33A 33An 33Ao 47D 56F 56F1 63D 63E

Material studied: 3♂. İçel Prov., Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

#### 119. *Autographa gamma* (Linnaeus, 1758)

Synonymy: *gamma* Linnaeus, 1758; *messmeri* Schadewald, 1992; *voelkeri* Schadewald, 1992.

Range (as code): PT ES Mu FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR CY LB BsA DK NO SE FI EE LV LT RU MD UA BY IQ Agh Mj IR Fa Elb Mz Dam Th Kdj Kz Yas Skh Bu Dlk AF Jla Kab Bsg Nu Adr CN Ui Ku IL Pa Hf JO EG Sn GG AZ AM Cc KK Ik Lvv TrA Ax UZ KG Ro Kr St Kb Kc Nt Ing Da Kyi ET ET24 SY Hal Ak Shf Ab Ar Gh Glz Kh Se Qz Zj Kd Km Lo By Bk Es Bu Ss MA DZ Blid Bsk Tlm Btna Orn Lbs Agi Hrh Abe Khh Ahr Hmk Ges Perr Bdj Ndr Dhm TN BSa Sbd Tgr Hes Clo Ajj 01 03 04 05 06 07 08 10 13 14 16 17 18 19 21 24 25 26 28 30 31 32 33 35 37 38 39 42 43 44 47 48 49 50 51 52 56 58 61 62 63 65 66 72 73 75 76 80 01E 01Ea 05A 06P 06Pb 06R 06Rb 10K 10Ka 13A 13Ab 13Ax 13F 13F8 13G 13Gg 13Gö 13Gs 13Gw 16A 21L 21Lc 21N 21Nh 30B 30Bb 30Bc 30Bc1 30Bz 30Bk 30D 30Df 30Dx 31K 31Ka3 31Ka7 33A 33Ac 33Aj 33E 47F 47Fb 44L 44Lc 48L 49F 49Fb 56F 58N 63B 63D 65A 65As 65Bx 65E 65Eb 65Ec 65Ed 65D 65Dr 65F 65Fd 65Fu 65G 65Ge 65K 65Kl 65Kl 65Z 65Kp 65Ku 65L 65Le 65M 65Mc 65Md 65N 65Nc 65Np 65Nr7 65Nm 73A 73Aç 73H 75F 75Fg 76A 76Ac 76B 76Bb 76Bf 76Bh

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 120. *Bena bicolorana* (Fuessly, 1775)

(Fig.63)

Synonymy: *prasinana* auct. nec Linn., 1758; *bicolorana* Fuessly, 1775; *quercana* Denis & Schiffermüller, 1775; *conspersa* W.Warren, 1913.

Range (as code): PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LT RU Cc GG Bjo Smt Ro Kr Da MD UA Lvv BY IR Fa Kd Mrv Bne Bjr Zj Km Kaz Mia Kz Yas LB SY IL Pa JO 01 02 05 06 11 13 17 18 21 33 39 42 46 48 56 62 73 02F 02Fd 02Fz 05A 06R 06Re 13F 13F25 13F41 13G 13Gy 21N 21Nb 21Nh 33A 33Ap 46G 46Gi 48G 48Gb 56F 73C 73Cd

Material studied: 2♀. İçel Prov., Anamur, Uçarı 1.8km SE 430m (33Ap), 8.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

#### 121. *Callopistria juventina* (Stoll, [1782])

Synonymy: *juventina* Stoll, [1782]; *purpureofasciata* Piller & Mitterpacher, 1783; *lagopus* Esper, [1788]; *pteridis* Thunberg, 1788; *manicata* De Villers, 1789; *formissimalis* Hübner, 1796; *obscura* Butler, 1878

Range (as code): DZ Dhm TN PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc IR Mz Elb Clu Th Fa Mia Sse Shr DK LT RU Kr MD UA BY 08 28 31 33 34 52 53 33A 33Ac 33E 34T 52H

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## 122. *Callopistria latreillei* (Duponchel,1827)

Synonymy: latreillei Duponchel,1827; quieta Treitschke,1826; roseitelum Walker,[1858]; rakoto Viette,1865; rechingeri Koutsaftikis,1973.

Range (as code): MG Md Cn MA DZ Ges BSa Mii Dhm Sbd TN LY PT ES FR Co Sa Si IT MT CH AT HU RO YU AL BG GR Cr TR Cc RU Da LB Bsa IL Pa Hf IN Pj NP AF IR Ke Fa Hz Ss Gh Glz Kh PK Cls Swa Alp Kkar ZA Tva Gau Pre Mpu Tst Nha Nta Kzu Ec ZR KE SA ET ET24 SO Zai YE AE PK OM Ld Cls 01 03 05 06 07 08 16 30 31 32 33 35 42 44 46 50 51 52 65 80 01C 01D 01H 01K 05A 07A 07B 08H 16A 30D 30Df 31K 31Ka 31Ka3 33A 33Ac 33Ad 33Am 33Ao 33E 44L 44Lc 46G 46Gf 50G 51B 65A 65Am 65Am4 80E 80Ea

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## 123. *Calophasia platyptera* (Esper,[1788])

Synonymy: platyptera Esper,[1788]; canterius De Villers,1789; tenera Hübner,[1803]; olbiena Duponchel,1842; subalbida Staudinger,1901; signata Constantini,1916

Range (as code): Cn MR MA DZ Dhm Hrh Dzc Agi Ahr TN LY PT ES Mu FR Co Sa Si IT MT GB CH AT PL CZ SK HU RO YU AL BG GR Cr TR RU MD UA LB Bsa IL Pa Hf IR Elb SY JO SA YE 01 05 07 13 15 16 21 23 24 27 31 32 33 44 46 47 50 58 66 01H 01L 01Lk 05A 13F 13F24 16A 21N 21Nh 23I 27D 27Db 31K 31Ka 31Ka7 33A 33Ak 33An 33G 44L 44Lc 47D 58G 58Gi 58N

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

## 124. *Caradrina (s.str.) agrotina* (Staudinger,1892)

Synonymy: agrotina Staudinger,1892; jordana Staudinger,[1895]; syriaca Osthelder,1933.

Range (as code): JO IL Pa LB TR Cc AM 05 06 07 13 21 31 33 42 46 56 62 05A 06R 13F 13F38 21N 21Nb 31M 33A 33Ae 33Am 33Ao 33G 56F 56Fc 56Fj

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14.vii.2018, M.Kemal & A.Koçak leg. - 1♂. Anamur, Çiçekyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. - 2♂. Anamur, Korucuk W, 150m (33Ao), 17.viii.2018, M.Kemal & A.Koçak leg. (Cesa).

## 125. *Catocala (Ephesia) eutychea* (Treitschke,1835)

(Figs. 80, 81)

Synonymy: eutychea Treitschke,1835; delicata Vicent,1913.

Range (as code): DZ Hrh Sbd Abe AL GR Cr TR LB Bsa IL Pa SY JO 01 05 07 10 16 17 20 31 32 33 35 42 45 50 05A 07B 07C 16A 31K 31Ka 33A 33Ac 33Ae 33Am 33Ao 33G 33P 33N 33R 33Rb 45P

Material studied: 7♂♀. S. Turkey, İçel Prov., Anamur Çiçekyurdu 1620m (33Ae), 3.vi.2019, M. Kemal & A.Koçak leg. - 20♂♀. Anamur Taşocağı (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 2♂. Anamur Korucuk 1km NE 120m (33Ao), 5.vi.2019, M.Kemal & A.Koçak leg. - 1♀. Anamur Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. - 3♂. Amanur W., Uçarı 1.8km SE 430m (33Ap), 7.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

## 126. *Catocala (s.str.) conversa* (Esper,1783)

(Figs. 78, 79)

Synonymy: conversa Esper,[1787]; pasythea Hübner,[1809]; agamos Hübner,[1813]

Range (as code): MA DZ Lbs Tun Dhm Hrh Dzc Abe Sbd Bttna TN PT ES Mu FR Co Sa Si IT DE CH AT CZ SK HU RO YU AL BG GR Cr TR CY DK RU Ro Kr MD UA Cc AM GG AZ Kir LB Bsa IL Pa JO SY Hal 01 06 07 08 11 13 16 17 22 25 27 30 33 35 42 45 48 51 56 65 70 06R 06Rb 13F 13F38 13G 13Gg 16A 25C 25Ca 33A 33Ac 33G 33R 33Rb 48D 56F 56Fc 65A 65At 65At5 65D 65Dv

## 127. *Catocala (s.str.) hymenaea* ([Denis & Schiffermüller],1775) (Fig. 82, 83)

Synonymy: #hymenaea [Denis & Schiffermüller],1775; posthuma Hübner,[1813]

Range (as code): IT AT CZ SK HU RO YU BG GR Cr TR GG Smt Bjo Lag AZ Kir Cc IR Kd Bne Mrv Snj LB IL Pa Mer RU At Ro Kr St Ich Da Us MD UA Cm BY KG Db Trz CN 05 06 07 09 13 16 30 33 34 35 42 50 56 60 65 72 05A 06F 13G 13Gü 13Gw 16A 30D 30Dx 33A 33Ac 33Ae 33G 56F 56Fa 56Fb 65L 65Lb

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

## 128. *Catocala (s.str.) nymphagoga* (Esper,[1787])

Synonymy: nymphagoga Esper,[1787]; v-nigrum De Villers,1789; tmolia Lederer,1865; vallantini Oberthür,1894

Range (as code): DZ TN Blid Sbd Abe PT ES Mu FR Co Sa Si IT MT GB CH AT CZ SK HU RO YU AL BG GR Cr Rd CY IR Fa Kz Yas Skh Mz Glc TR RU Cc AZ Len MD UA BY LB Bsa IL Pa JO IQ 01 05 06 07 11 12 13 16 17 30 33 35 39 44 45 48 50 56 62 65 73 05A 07B 12A 12Aa 13F 13F35 16A 30B 30Bc 30Be 30Bz 30Bj 30D 30Dt 33A 33Am 33G 33R 33Rb 44E 44Ee 48F 56F 56Fa 56Fb 56Fs 56Fv 62H 65D 65Dl 65Dlc 65Dn 73C 73Cd 73D 73Df

Material studied: ♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

### 129. *Chersotis (s.str.) fimbriola* (Esper,[1798])

Synonymy: fimbriola Esper,[1798]

Range (as code): MA Rf ES FR Si IT CH AT SK HU RO YU AL BG GR Cr TR Cc AM Eri Geg GG AZ Nv Ord RU Ro Kb Nt Ich MD UA Cm BY IR Kh KuB Elb Kdv Dam Fa Bk By Es Ha Zj Mz Th Ab Bne Sqq Mrv Oru Sdt Lo Kd TM IQ 01 03 04 05 06 08 12 13 18 19 23 24 25 29 30 33 36 38 42 44 46 49 50 51 56 58 60 65 66 69 70 73 76 01K 01L 01Lf 04C 04F 04D 04Da 04I 05A 06A 06B 06Bb 06C 06Kc 06R 06Ra 06Y 06Yb 08Ha 08Hb 13A 13Ab 13Ax 13B 13C 13Cf 13F 13F7 13F71 13G 13Gf 13Gy 13Gü 13Gw 19C 23I 25C 25Ca 25F 29A 29Ab 30B 30Bd 30Be 30Bg 30D 30Df 30Dt 33A 33Ae 36D 36Df 36F 36G 38G 38Ga 42B 42D 42O 44F 44Fa 44L 44Lb 44I 46G 49Ea 50G 50Ga 56F 56Fb 56Fq 56Fs 58N 60C 65A 65Ac 65Ac3 65Ab 65Aba 65B 65Bn 65Bn1 65Bo 65Bx 65D 65Df 65F 65Fa 65Fm 65Fp 65Fz 65G 65Gb 65Ge 65K 65Kl6 65Z 65N 65Np1 65Np2 65Nm 66P 70C 70Cb 71C 71Cd 73C 73Cd 73D 73Da 76C

Material studied: ♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### 130. *Chersotis (s.str.) margaritacea* (De Villers,1789)

Synonymy: margaritacea De Villers,1789; i-intactum Hübner,[1803]; #abruzzensis Corti & Draudt,1933; espunensis Calle,1982

Range (as code): MA DZ PT ES Mu FR Sa? Si IT BE LU DE CH AT PL CZ SK HU RO YU BG GR TR RU Ro Kr St Nt Ich Ing Da MD UA BY AM Cc GG Smt Bjo AZ TM Kp LB Us IR Elb Th Gh LB Bsa IL Pa He 01 06 08 13 14 16 18 25 30 33 36 42 46 50 56 58 61 65 70 72 75 01L 01Lh 06E 06A 06R 06Rb 06Rq 06Y 06Yb 13F 13F35 14I 16A 30B 30Bc2 30Bz 33A 33Ae 42D 56F 56Fb 58G 65A 65Am 65Am4 70C 70Cb 75F 75Ff

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### 131. *Chrysodeixis chalcites* (Esper,[1789])

Synonymy: chalcites Esper,[1789]; chalsytis Hübner,1790; bengalensis Rossi,1794; quaestionis Fabricius,1794; verticillata Guenée,1852; integra Walker,1858; adjuncta Walker,1865

Range (as code): PT ES Mu FR Co Sa Si IT MT GB BE NL DE CH AT HU RO YU AL BG GR Cr Rd TR CY IQ Mj Amr LB Bsa Bei SY IL Pa Hf JO DK RU Cc St MD UA BY ZA Sk KE MW ZW Har BW Nga Nta Kzu Kkf Dbn YE Ad IN LK MM CN JP HW WS FJ TO NH SB PG AU MY IR Mz Elb Th Fa Kaz Mia Hz B-A Kd Mrv Dam Qz Se Lo Ss By Hal DZ Anna Clo Abe Hrh Bttna Agi Lbs MA 01 05 06 07 13 16 31 33 36 46 56 61 63 05A 06R 06Rq 06Y 06Yb 07B 13F 13F35 16A 31K 31Ka 31Ka7 33A 33Ac 36D 36Db 46L 56E 56Eh 63E

Material studied: ♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### 132. *Chloantha hypericii* (Fabricius,1787)

Synonymy: #hyperici [Denis & Schiffermüller],1775; hypericii Fabricius,1787

Range (as code): PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR AZ AM GG Cc CY IQ TIH IL Pa Hf SY JO DK NO SE FI LT RU Ro Kr St Ich Da MD UA BY IR Kh KuB Fa Ha Zj Glc Gor Elb Clu Mz Dam Th Mia Kd Mrv AF TM Kp LB Bsa 01 04 05 06 07 08 12 13 14 15 16 17 18 24 25 28 30 31 32 33 35 36 42 44 46 47 50 51 56 58 60 61 62 65 69 73 01A 01L 01Le 01Lk 04D 05A 06R 06Rb 07A 08H 13F 13F25 13F38 13G 13Gg 13Gy 13Gü 13Gs 13Gw 14I 15F 16A 25A 30B 30Bc 30Bt1 30Bz 30D 30Df 30Dx 31K 31Ka 31Ka7 33A 33Ae 33E 33G 36F 36Fa 42B 42D 44E 44Ei 44L 44Lc 47D 50G 56A 56C 56Cc 56F 58G 58Gi 58N 60C 65A 65Ac 65Ac3 65Ai 65Am 65Am1 65D 65Dg 65Fa 65Fd 65Fp 65Fr 65Fm 65Fz 65G 65Gf 65Gy 65K 65Kl6 65Z 73A 73Ad 73Ad2

Material studied: ♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

### 133. *Clytie (s.str.) syriaca* (Bugnion,1837)

Synonymy: syriaca Bugnion,1837; gentilitia Freyer,1848.

Range (as code): AT RO YU AL BG GR Cr CY LB Bei Beq IL Pa SY TR RU Cc St Ich Da Der MD UA BY IR Fa Ahz IQ Agh Amr Bgd KG Tk sKG Tks Dj Aa KK Skm UZ 01 02 05 06 07 08 13 16 18 21 23 24 25 30 31 33 35 42 44 56 62 65 70 72 02F 02Fd 02Fz 05A 07B 08C 08H 08Ha 13C 13Cf 13F21 13F38 16A 21N 21Nb 30B 30Ba 30Bc 30Bt1 30Bz 30Bd 30Bf 33A 33Ac 56F 56Fé 56Fç 65A 65Ai 65D 65Dh 70C 70Ce

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**134. *Condica viscosa* (Freyer,1831)**

Synonymy: viscosa Freyer,[1831]; inamoena W.Warren,1914 [ssp.]; indelicata Turati,1934; europaea Parenzan,1980

Range (as code): Cn MA DZ Bsk Perr TN EN PT ES Si IT YU AL BG GR Cr TR CY IQ Bsr LB IL Pa Hf SY JO IR Fa Mia Ss Irs 07 31 33 33A 33Ac 33Am 33An 33Ao

Material studied: 17♂♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14.vii.2018, M.Kemal & A.Koçak leg. - 5♂♀. Anamur, Köseköyü 145m (33An), 18.vii.2018, M. Kemal & A.Koçak leg. - 6♂♀. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**135. *Cornutiplusia circumflexa* (Linnaeus,1767)**

Synonymy: circumflexa Linnaeus,1767; lunata Fabricius,1787; flexuosa Donovan,1807; daubii Freyer,1838; graphica Herrich-Schäffer,1851; patefacta Walker,[1858]; reticulata Moore,1882; clarescens Pinker & Bacallado,1975; #unata Kononenko & Pinratana,2005

Range (as code): Md Cn PT ES Si IT GB CH RO AL BG GR TR Cc CY IQ kut Kro Amr MJ Agh FI RU MD UA BY IR Fa By Kz Yas Hz Ss Ke Kh Ab Oru Mak Elb Th Mz CN Ui Ku KK Ik UZ KG DsA AF Ca Hr Gbh ZA Gau Pre Tva Ec Grh Cto Wca Nta Kzu Est IN NP LK LB Bsa IL Pa Hf SY JO TH CMa Php MM GG AM AZ Cc Skh Sdt Ak Ar Gh Gls Kh Se Ha Kd Km By Bk Es Bu Ke Hz Ss Snj Lo Kaz Mia Dlk B-A TM Kp N-A TJ Chr Pm Ro Kr Kb Kc Nt Ich Da ET ET24 ET36 ET86 ET196 DJ DJ44 Smt Bjo Lag Dar Nv Ord Hal 01 04 05 06 07 08 13 16 18 20 21 22 24 25 27 30 31 33 34 35 38 44 46 47 48 50 51 56 60 63 65 66 72 73 76 80 01E 01Ea 01K 04C 04Cf 05A 13A 13Ab 13Ac 13Ax 13F 13F24 13G 13Gü 13Gw 13Gz 16A 21N 21Nh 30B 30Bc 30Bt1 30Bz 30D 30Df 33A 33Am 44E 44Ei 47G 56F 63D 65A 65Ac 65Ac3 65Am 65Am2 65An 65Ai 65Bx 65D 65Dl 65Dlc 65Ds 65G 65Ge 65F 65Fd 65Fr 65Fu 65K 65Kl 65Z 65Kp 65L 65Lb 65Le 65N 65Nc 65Nc4 65Nm 65Np 65O 73A 73Ac 73Al 76A 76Ac

Material studied: 2♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**136. *Cosmia (Fibigerina) confinis* Herrich-Schäffer,[1849]**

Synonymy: confinis Herrich-Schäffer,[1849]; rhodopsis Boursin,1962; phaiopsis Boursin,1962.

Range (as code): IT RO MK AL HV B-H BG GR TR 01 05 07 16 17 19 22 30 33 58 60 01H 05A 07K 16A 30B 30Bf 30Bz 33A 33Ao 33P 58G 58Gi 60C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: The subgenus was originally proposed as "Sylva" by Fibiger & Hacker in 2007. Replacement name was *Fibigerina* (Koçak & Kemal, 2015).

**137. *Cryphia (Bryoleuca) raptricula* ([Denis & Schiffermüller],1775)**

Synonymy: raptricula [Denis & Schiffermüller],1775; divisa Esper,[1791]; divisa Esper,1791; palliola Borkhausen,1792; pomula Borkhausen,1792; deceptricula Hübner,[1803]; carbonis Freyer,1849; oxybiensis Millière,1875; #striata Staudinger,1879; eretina Calberla,1888; raptriculoides Turati,1912; bryophiloides Rothschild,1914; #persica Strand,1915; cretica Reisser,1962

Range (as code): MA DZ TN EG PT ES Mu FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AM AZ Cc CY DK NO SE FI EE LT RU LB Bsa IL Pa SY Hal JO EG IR Fa Lo By Yas Ss Es Ke Ha Mz Kz Kdj Elb Dam Mia Km Kd Snj IQ Tkr AF Gbh Pli Srb CN Ui PK KG Tk Dj KK Skm Ik TrA Feg UZ N-A Ro Kr St Kb Nt Ich Da Kir Bak Nv Ord Bne Mrv Kh Ges Agi Sfr Abe Sbd Blid Hrh 01 03 05 06 07 08 12 13 19 24 25 28 30 32 33 36 39 42 46 49 50 51 56 58 62 65 66 70 73 01H 01L 01Li 05A 06R 06Rb 08H 13A 13Ab 13Ax 13F 13F21 13F35 13Gü 13Gw 25C 25Ca 25R 30B 30Bd 30Bz 30D 30Df 33A 33Ac 33E 33P 42J 42X 42Xa 46G 46Gf 49E 49Ea 56F 56Fa 56Fc 56Fj 56F3 56Fs 56Fq 56Fb 56Fc 56F1 58G 58Gi 65A 65Ac 65Ac3 65F 65Fr 65Fz 65Fm 65Fg 65K 65Kl 65Z 65N 65Np 65Np2 65Nm 73A 73Ad 73Ad2

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**138. *Cryphia (Bryoleuca) rectilinea* (W.Warren,1909)**

Synonymy: rectilinea W.Warren,1909; mediochracea Bytinski-Salz,1936; insulicola Reisser,1962.

Range (as code): IT RO YU AL BG GR Cr CY IL Pa TR Cc IR LB Bei IQ 01 05 08 13 23 24 33 34 36 42 46 56 65 69 13C 13Cf 13F 13F38 33A 33Ad 34S 42J 42X 42Xa 56F 65D 65Dh

Remarks: New record for the fauna of İçel Province.

**139. *Cryphia (Euthales) ochsi* (Boursin,1941)**

Synonymy: ochsi Boursin,1941; #badiofasciata Boursin,1952 Range (as code): ES FR IT CH RO YU AL BG GR Cr CY TR LB Bei IL Pa IR Elb RU Cc Kr 01 05 06 07 08 16 23 28 32 33 42 50 51 55 56 58 59 62 63 67 01D 05A 06R 16A 33A 33Ad 33Ac 33E 50G 51B 51Ba 51Bc 56F 56Fq 56Fc 58G 58Gi

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**140. *Dichagyris (Yigoga) signifera* ([Denis & Schiffermüller],1775)**

Synonymy: #signifera [Denis &amp; Schiffermüller],1775

Range (as code): TN Gf ES FR IT DE CH AT PL CZ SK HU RO YU BG GR TR IR Fa Es Elb Ab Oru Kz Km Kd Mrv Bne Yas Lo IQ Shq LB LV LT RU Ro Kyi Da MD UA BY AZ Kir AM GG Tbl Akh Smt Cc 01 03 05 06 07 08 12 13 14 24 25 30 32 33 36 42 43 46 49 50 51 56 58 65 66 70 73 05A 08H 13C 13F 13F35 13F38 13G 13Gg 13Gü 13Gw 25F 30B 30Bd 30Bz 30Be 30Bl 30D 30Da 30Dt 33A 33Ae 36F 42D 49E 49Ea 56F 56Fq 56Fm 58N 65D 65Dn 70C 70F 73A 73Ab 73D 73De

Material studied: 5♂♀. S. Turkey, İçel Prov., Anamur, Çicekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**141. *Dichagyris (s.str.) erubescens* (Staudinger,1892) (Figs. 16-18)**

Synonymy: erubescens Staudinger,1892

Range (as code): TR GR IR Kh AF Srb LB Bsa IL Pa SY Bld JO Sn EG IQ 01 02 06 07 13 24 25 27 30 33 42 44 46 47 50 51 56 58 63 65 72 02F 02Fe 02Fz 06B 06R 06Ra 07K 13F 13F21 27B 30B 30Bj1 30Bt1 30Bz 30D 30Df 33A 33O 44E 44Ei 47D 50G 50Gb 56F 56Fv 56Fc 56Fs 56Fç 56Fv 58N 63K 65A 65Ai 65D 65Dh 65Fr 65Fp 65Fz 65G 65Gf 65Gy 65K 65Kl 65Z 65N 65Np 65Np1 65Np2 65Nm

Material studied: 15♂(GP3242, GP3243). S. Turkey, İçel Prov., Anamur, Çicekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This is a common species in summer at the mountain steppe. Externally, the adults are very variable especially in colouration.



**Figs. 16-18 - *Dichagyris erubescens*.** Upperside of two males, and their genitalia (GP3242, 3243). İçel Prov., Anamur, Çicekyurdu. M. Kemal (Cesa).

**142. *Dichagyris (s.str.) melanura* (Kollar,1846)**

Synonymy: melanura Kollar,1846

Range (as code): RO YU HV Rgs MK BG GR Cr RU MD UA BY TR Cc CY IR LB SY Dms IL Pa He JO 01 04 05 06 08 13 24 25 29 30 33 40 42 44 46 50 51 56 58 62 65 68 70 01D 01L 01Lb 01Lf 04C 05A 06Y 06Yb 08H 08Ha 08Hb 13A 13F 13F7 13F71 25A 25C 25Ca 25F 25R 29F 30B 30Bd 30Bz 30Bh 33A 33Ae 40D 42B 42R 42Rd 44I 50G 50Gc 50Gd 51B 51Ba 56F 56F1 56Fs 56Fb 58G 58Gi 58N 58R 65D 65Dn 65Dv 65F 65Fa 65Fm 65Fp 65Fz 65L 65Lb 68B 68Bb 70A 70Ac

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Çicekyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. - 15♂♀. From same place, 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**143. *Dysgonia algira* (Linnaeus,1767)**

Synonymy: algira Linnaeus,1767; achatina Sulzer,1776; alterna De Villers,1789; triangularis Hübner,[1803] nec Thunb.,1784; albivitta Guenée,1852; festina Walker,1858; olympia Swinhoe,1885; europea Schawerda,1912

Range (as code): Cn MA DZ PT ES Mu FR Co Sa Si IT MT GB DE CH AT PL SK HU RO YU AL GR Cr Rd TR Cc CY IQ Akr Bsr Amr DK RU Am MD UA BY KK TM AF IR Fa LB Bsa IL Pa SY JO UZ Fe CN KP KR JP ZA Tva Lpo Spb MdK Mpu Brb Gau Pre Nta Kzu Dbn Ec Grh SL NG ZR KE YE Ad MU IN CN PK LK Kndy Pdy MM Ab Elb Mz Th AZ Nv

Ord Der Len AM GG Cc Ro Kr St Ich Da CV Cp Sdt Gls Agi Hmk Hrh Dhm TN Dzc Ges Afr Perr Afl Orn Ktr Bsk Sbd Abe Clo 01 05 07 08 10 13 16 17 18 21 22 23 27 28 30 31 33 34 35 39 40 42 44 45 48 50 52 56 61 62 63 65 72 73 01E 01Ea 01K 05A 07B 13F 13F38 16A 21N 21Nb 21P 23M 27D 27Da 27Db 30B 30Bç 30Bt1 30Bz 30D 30Df 30Dt 31K 31Ka 31Ka3 33A 33Ac 33Am 33Ao 39K 44E 44Ei 44I 44Ic 48D 50G 50Gd 56F 56Fv 56Fc 56Fa 56Fm 56Fc 61K 61Ka 63D 65A 65Am 65Am1 65D 65Ds 65Du 65Dv 73D 73Df 73Dfc

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 144. *Dysgonia torrida* (Guenée,1852)

Synonymy: torrida Guenée,1852; albivitta Guenée,1852; festina Walker,1858; #zorrida Hacker,[1987]

Range (as code): MA DZ PT ES Mu Si IT MT YU HV AL BG GR CY TR IR IQ Agh Bgd UZ N-A NP LB IL Pa SY JO AE AF Srb Nu Gbh PK Cp IN ZR ZA ET ET24 01 07 20 21 23 27 30 31 33 35 50 56 72 73 01K 07B 21A 21P 23M 30B 30Bf 30Bz 31A 33A 33Ar 33R 56F 56Fa 56F1 56F3 56Fm 72E 73D 73Df

#### 145. *Earias* sp.

Material studied: 2 ex. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

#### 146. *Egira tibori* Hreblay,1994

Synonymy: tibori Hreblay,1994

Range (as code): BG GR Sms TR Cc IL Pa LB Bsa JO IQ IR Elb Th Fa 01 03 06 07 11 15 17 33 34 35 36 42 43 46 48 58 01A 07B 11A 15C 33A 33Ac 33Ak 33C 46G 48G

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

#### 147. *Epilecta linogrisea* ([Denis & Schiffermüller],1775)

Synonymy: linogrisea [Denis & Schiffermüller],1775; lutosa Staudinger,1901.

Range (as code): DZ Khh PT ES An FR Co Sa Si IT BE LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR Cc GG Smt Bjo RU Kr Ich DK NO SE EE LB IL Pa He IR TM 01 03 05 06 08 12 13 16 17 30 31 33 42 46 50 56 58 62 65 01L 01Lk 05A 06R 06Ra 08H 12E 13Ec 13F 13F35 16A 30B 30Bç 30Bt1 30Bz 31K 31Ka 31Ka3 33A 33Ac 42D 56F 56Fo 56F6 56Fs 56Fc 56Fj 58N 58Nc 65A 65Ai 65Am 65Am4 65Ac 65Ac3 65F 65Fm

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 148. *Episema korsakovi* (Christoph,1885)

Synonymy: korsakovi Christoph,1885; paenulata Christoph,1885.

Range (as code): RO YU BG GR Cr TR CY Cc AZ Kir AM GG Smt Bjo RU Kr SY CY IL Js Pa IR Gh Elb Fa 01 06 08 10 13 14 17 21 23 30 33 36 42 44 45 46 50 51 56 58 65 72 06C 06Cb 06E 06Ea 06R 06Rq 06Y 06Yb 13F25 13F35 21F 23I 30B 30Bt1 30Bz 30D 30Df 33A 33Ac 36F 36Fb 44E 44F 44Fb 50G 51B 51Bc 56F 56Fb 56Fv 56Fm 56Fc 56Fq 56Fj 58G 65A 65Am 65Am4 65D 65Df 65F 65Fp 65Fz 65K 65Kd 65Kg 65K 65Kl 65Kl3 65Z 65N 65Np 65Np8 65Nm

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 149. *Eublemma amoenum* (Hübner,[1803])

Synonymy: respersa Hübner,1790 (praeocc.); amoena Hübner,[1803]; bithynica Bethune-Baker,1888.

Range (as code): ES Mu FR Co Sa Si IT AT SK HU RO YU MK AL BG GR Cr TR GG Mng AZ AM Cc Kir Skm RU Ro Kr St Nt Ich Da IR Mz TM Kp KK UA 01 04 05 07 13 14 16 18 25 33 42 45 50 51 58 65 69 70 01K 05A 07D 13A 13Ab 13Ax 14B 14Bb 16A 33A 58N 65F 65Fd 65Fg 65K 65Kd 65Kg 65N 65Nc 65Np6 65Nm 70C 70Cf

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### 150. *Eublemma ostrinum* (Hübner,[1808])

Synonymy: ostrina Hübner,[1808]; carthami Herrich-Schäffer,[1851]; aestivalis Guenée,1852; numida Lucas,1849; thasia Koutsaftikis,1973.

Range (as code): Cn PT ES Mu FR Co Sa Si IT MT IE GB NL DE CH AT HU RO YU AL BG GR Cr Rd CY TR AZ Kir Cc RU Ro St Nt Ich Ing Da MD UA SY JO IL Hf Pa LB Bsa IQ Brs Ry Rzw Dia Agh Bgd IR Fa Hz Ss Ke Mz Elb Kd Km Snj Lo Mia Kz Yas Kaz Shr Hz B-A AF Bsg Nu IN PK MN KG Tk Dj Gg Sdt Glz Hrh Ges Dzc Dhm Ktr Afr Bdj Bsa Btta Abe Sbd Khm Ahr Gha Bsk Gf Orn Tlm Rbt Phv Hes Lbs Clo DZ MA Tgr 01 05 07 08 09 10 13 16 21 27 30 31 33 35 44 46 47 48 50 51 56 58 60 62 63 64 65 66 72 01E 01Ea 01L 01Le 05A 07C 13B 13Bg 13F 13F18 13F35 13F41 13G 13Gy 13Gü 13Gw 16A 21N 21Nh 27D 27Da 27Db 30B 30Bç 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka3 31Ka5 33A 33Ac 33Ap 44I 44Ic 44L 44Lc 46D 46Dc 47D 48L 56E 56Eh 56F 56Fc 56Fb 56Fv 56Fj 56Fm 56Fö 58G 58Gg 58N 63E 65A 65Am 65Am1 65Am2 65Am4 65D 65Dh 65K 65Kl 65L 65Le 65N 65Nc 65Nc4 65Np2 65Np6 65Nm

Remarks: New record for the fauna of İçel Province.

**151. *Eublemma pallidulum* (Herrich-Schäffer,1856)**

Synonymy:pallidula Herrich-Schäffer,1856

Range (as code): DZ Ath Gle Omy RU Ro TR Cc AZ Nv Ord BH IR Elb Lo Kd Snj Kz Yas CY TM UZ Fe KK Ik Na CN Ui Ii LB Bsa SA AF PK Gg Jug NG 01 05 12 13 23 24 25 30 33 36 42 44 47 50 51 56 58 62 65 66 73 76 05A 13A 13Ac 13Ac2 13Ax 13B 13C 13Cf 13F 13F38 13G 13Gw 23G 23Ga 25R 33A 33An 36F 42X 42Xa 44I 47D 56F 56Fc 56Fm 58G 65D 65Df 65Fz 65G 65Gb 65Gv 65Gü 65Gz 65K 65Kd 65Kg 65L 65Lb 65N 65Np2 65Nr6 65Nr8 65Nm 73C 73Cd 76C

Material studied: 1♂. İçel Prov., Anamur, Kösekükü 145m (33An), 18.vii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

**152. *Eublemma panonicum* (Freyer,1840)**

Synonymy: panonica Freyer,1840; kindermannii Boisduval,1840; lenis Eversmann,1844; #panonica Staudinger,1901

Range (as code): SK HU RO BG RU Ro Da Cc AZ Kir GG Smt Akh UA RU Ur At AF TR IR Elb Th Fa 04 05 07 08 18 13 23 25 30 33 36 42 44 46 47 56 58 65 76 04D 05A 13A 13Ac 13Ac2 13Ax 13G 13Gw 13F 13F71 18F 25R 30D 30Df 33A 33Ac 33Ae 33Am 36F 36Fb 44E 44Eh 44I 47D 56F 56Fs 65D 65Df 65F 65Fm 65G 65Gb 65K 65Kd 65Kg 65Ky1 65Kl6 65Z 76C

Material studied: 2♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 1♀. Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. - 2♀ Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**153. *Eublemma parvum* (Hübner,[1808])**

Synonymy: parva Hübner,[1808]; rubefacta Mabille,1869; chalybea Swinhoe,1884; nymphodora Meyrick,1902.

Range (as code): MA DZ TN LY EG SD PT ES Mu FR Co Sa Si IT MT IE GB BE NL DE CH AT CZ SK HU PL YU AL BG GR Cr CY TR DK RU MD UA IL Hf SY IQ Brs Ry Rzw Dia Agh Amr LB Bsa JO SA IR Ab Mrd Elb Th Kdj Kd Sqq Mak Fa Ss Kh Bl Ha AF Hr Srb Gbh Kab Ca Dwe Arh PK IN TH ID ZA YE Ad AU Snj Mia Km Kz Yas Hz B-A Cc St Da Len AZ Nv Ord Bne Mrv Hrh Ges Perr Sfr Sbd Abe Btma Clo Tgr Hes 01 05 07 08 13 16 25 30 31 33 44 46 47 48 50 56 58 63 65 80 05A 07C 13A 13Ab 13Ax 13F 13F35 16A 30B 30Bc2 30Bz 30D 30Df 31K 31Ka 33A 33Ao 33Ar 44E 44Ei 47D 48L 56E 56H 56F 56Fm 56Fö 58N 63E 63L 65A 65Am 65Am1 65D 65Df 65Dg 65F 65Fp 65Fz 65G 65Gb 65K 65Kl 65Kl6 65Z 65L 65Le 65N 65Nc2 65Nc4

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 1♂. S. Turkey, İçel Prov., Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**154. *Eublemma polygrammum* (Duponchel,[1842])**

Synonymy: polygramma Duponchel,[1842]; argillacea Eversmann,1844; nuda Christoph,1862; violetta Staudinger,1889.

Range (as code): DZ Lbs PT ES Mu FR IT CH AT PL RO YU AL BG GR Cr TR CY AZ Kir Hkd Nv Ord Cc IR Fa Bk By Mz Es Elb Th Kd Sqq Bne Bjr Ab Mak Kz Yas Mia Shr Ss Hz B-A IQ RU Ro St Nt Ing Da MD UA BY LB Bsa Bei IL Pa Hf JO 01 03 04 05 06 07 13 14 18 23 24 25 30 33 35 42 44 46 50 51 56 58 60 65 66 70 72 75 76 04C 04Cf 05A 13A 13Ab 13Ax 13F18 13F35 13F41 13G 13Gy 30B 30Bc 30Bz 33A 33Ae 44L 44Lc 56F 56Fa 56Fv 56Fm 56F1 56Fs 56Fa 56Fö 58G 58N 65A 65Ac 65Ac3 65Ai 65D 65Df 65F 65Fe 65Fr 65Fp 65Fz 65G 65Gf 65Gy 65K 65Kl 65Z 65Kd 65Kg 65L 65Le 65N 65Nc2 65Np2 65Np5 65Np6 65Nm

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**155. *Eublemma pulchralis* (De Villers,1789)**

Synonymy: pulchralis De Villers,1789; candidana Fabricius,1794; minuta Hübner,[1809]; perlana Geyer,[1830]; skafiotia Freyer,1845; impura Staudinger,1871

Range (as code): DZ PT ES Mu Sa Si FR IT YU GR Cr TR IR Fa IQ CY AM GG Smt Akh Cc TM 13 33 35 44 46 47 58 65 13A 13Ab 13Ax 33A 33Ac 33Ak 44L 44Lc 47D 58N 65A 65Ai 65G 65Gb

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**156. *Eulocasta diaphora* (Staudinger,1879)**

Synonymy: diaphora Staudinger,1879; triangularis W.Warren,1888; atribasalis Hampson,1896; laticincta Staudinger,1898. Range (as code): Cn MR MA DZ Ajj Ah Hes Omy Bsk TN RU TR YE Ad Cc GG AZ Nv Ord AM IR Fa Hz Ss Kd Bjr Zj Bne Mrv Lo Snj Ab Oru Mak Hz B-A Chh AF IQ IL Pa SA LB SY JO Sn EG ER PK Cp Gg Cls IN 04 05 06 08 09 13 18 24 25 30 33 36 42 44 47 50 51 58 65 69 70 73 76 04C 04Cf 05A 13F 13F21 30B 30Bc 30Bc5 30Be 30Bi

30Bj 30Bt1 30Bz 30D 30Df 33A 33Am 33Ar 36D 36Db 44E 44Eh 44Ei 47D 58G 58Ga 58N 58Ne1 65B 65Bo 65Bx 65D 65Df 65F 65Fp 65Fz 65L 65Lb 65N 65Np2 65Np5 65Nm 70C 70Cf 73C 73Cd 76D 76Dd

Material studied: Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14 vii.2018, M.Kemal & A.Koçak leg. - 3♂. Anamur, Gökc̄e valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### **157. *Eutelia adoratrix* (Staudinger,1892)**

Synonymy: adoratrix Staudinger,1892

Range (as code): YU GR TR Cc LB Bei IL Pa Js JO RU UA Cm IQ IR Th Elb Kdj Fa Mia Ss Hz B-A Kz Yas 05 06 08 17 18 20 21 30 31 33 56 60 65 05A 06R 08H 21N 21Nb 21Nh 30B 30Bc 30Bt1 30Bz 30Bf 30Bh 30D 30Df 31K 31Ka 33A 33Ac 33Ae 56F 56Fa 65D 65Dh

Material studied: 1♀. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### **158. *Euxoa (s.str.) conspicua* (Hübner,[1824])**

Synonymy: conspicua Hübner,[1824]; agricola Boisduval,1829; lycarum Herrich-Schäffer,1846; abdita De Joannis,1891; #indistincta Strand,1915; osthelderi Corti,1931; complicata Corti,1931.

Range (as code): PT ES FR Co IT RO YU BG GR TR Arr GG Akh Smt Bjo Tbl Lag Cc AZ Kir Hkd RU Ro Kr St Kc Kb Nt Ich Ing Da Kyi MD UA BY MN KG Tks Ssn Na Tk Dj KK TrA Aa UZ IR Ab Ak Mz Th Kd Ha Fa Ss Kh Ke Ha Mz Enz Ui Ku Ii Km1 AF Blh Arh Srb IQ Tkr LB Bsa PK IN Hp Sb SY CY sKG Nv Ord Da Der Kus Oru Khy Mar Gls Bbu Sai Nar 01 03 04 05 06 13 18 23 24 25 30 33 36 38 42 44 45 46 50 51 58 60 62 65 66 70 71 75 76 01K 03E 04C 04Cf 05A 06R 06Rb 06Rk 06Y 06Yb 13A 13Ab 13Ae 13Ax 13G 13Gü 13Gw 18F 24K 24Kl 25A 25C 25Ca 25R 30D 30Dc 33A 33Ae 36F 38C 38Cb 38G 38Ga 42R 42Rc 44I 45P 50G 50Ga 50Gb 50Gc 51B 51Ba 58G 58N 58R 60C 62G 65A 65Ab 65Aa 65N 65Np5 65Nm 65D 65Df 65Dh 65Ds 65Du 65F 65Fa 65Fg 65Fm 65Fp 65Fz 65G 65Gb 65Ge 65K 65Kl 65L 65Lb 65N 65Np2 65Nm 66P 75E 76C

Remarks: New record for the fauna of İçel Province.

### **159. *Euxoa (s.str.) cos* (Hübner,[1824])**

Synonymy: cos Hübner,[1824]; tephra Boisduval,1840; nagyagensis Freyer,1845; vacillans Herrich-Schäffer,[1850]; millierei Staudinger,1870; cycladum Staudinger,1871; aphe Mabille,1885; crimaea A.Bang-Haas,1906; mesopotamica O.Bang-Haas,1922; rubra Corti,1933.

Range (as code): DZ Lbs Ges TN PT ES FR Si IT CH AT RO YU BG GR Cr TR RU Ich MD UA Cm BY IR Kh SY IQ Cc AM TM UZ Fe KK Ik KG LB Bsa CY IL Pa He 01 05 06 08 14 18 25 27 33 36 42 40 50 51 56 58 62 65 68 71 76 01K 01L 01Li 05A 06R 06Rb 08H 08Hb 14I 18F 25R 25Rb 33A 33Ae 36F 36Fb 40D 42B 42D 50G 50Gd 51B 51Bc 56F 56Fq 56Fs 58G 65D 65Df 65F 65Fa 65Fz 68B 68Bb 76C

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### **160. *Haemerosia renalis* (Hübner,[1813])**

Synonymy: renalis Hübner,[1813]

Range (as code): ES FR Si IT YU BG GR TR Cc IR Fa Com Ss Kh By Lo Elb Th Kd Bne IL Pa LB 01 05 06 09 12 13 15 16 25 30 32 33 36 40 42 46 47 50 56 62 65 66 72 73 01L 01La 01Le 01Lf 05A 06R 06Rb 06Re 09K 09Ka 12A 12Aa 16A 25T 25F 30B 30Bc1 30Bf 30Bz 33A 33Ad 33Ae 46D 46Dc 46G 46Gf 47D 56F 56Fi 65A 65Ai 65D 65Df 65F 65Fp 65Fz 65G 65Gb 65K 65Kb 65Kl 65Z 73A 73Ad 73Ad2

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### **161. *Hecatera spinaciae* (Vieweg,1790)**

Synonymy: #dysodea [Denis & Schiffermüller],1775; ornata De Villers,1789 nec Sc.,1763; spinaciae Vieweg,1790; chrysozona Borkhausen,1792; ranunculina Haworth,1809; caduca Herrich-Schaffer,[1851]; innocens Staudinger,1871; subflava W.Warren,1910; faroulti Rothschild,1914; antitypina Rothschild,1914; africana Oberthür,1918; khala Rungs,1972

Range (as code): PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc SE LT RU MD UA BY IR Fa By Yas Lo Ss Kh Ke Ha Ab Elb Dam Kd Zj Sse IQ Bgd Agh LB Bsa IL Hf Pa JO Sn CN Uı Ku Iı AF Hr Blh Gbh Srb Kab Ch Gs KG Ssn Mn TJ Pm Chr UZ TM Fe KK Ik Hp Ro Kr St Kyı Da CY GG AZ Tbl Bjo Mng Kir Lag Nv Ord Sdt Mrv Bne Zj DZ BSa Ges Agi Eba MA 01 02 04 05 06 07 13 14 16 18 20 21 24 25 30 31 32 33 36 44 46 50 51 56 58 60 62 63 65 66 72 76 02F 02Fd 20Fz 05A 06Z 13B 13C 13Cy 16A 21L 21Lc 25F 30D 30Df 31K 31Ka 31Ka5 33A 33Ac 33Am 44E 44Ei 44I 44Ic 56F 56Fa 56Fb 58N 65A 65Ac 65Ac3 65Bx 65F 65Fa 65Fr 65Fp 65Fz 65G 65Ge 65K 65N 65Nc 65Kp 65K 65Kl 65Z 65L 65Lb 65Le 65N 65Np6 65Nm 76C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14 vii.2018, M.Kemal & A.Koçak leg. - 1♂. Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## 162. *Hecatera weissi* (Draudt,1934)

Synonymy: weissi Draudt,1934

Range (as code): ES FR Co IT Si MT MA DZ TN EG SA IL Pa JO TR Cc RU Da AZ Nv AM 04 30 33 56 72 04D 04Da 30B 30Be 33A 33Am 56F 56F1

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

## 163. *Helicoverpa armigera* (Hübner,[1808])

Synonymy: obsoleta auct. nec Fabr.,1775; barbara Fabricius,1794 [rejected]; armigera Hübner,[1808]; pulverosa Walker,[1857]; uniformis Wallengren,1860; commoni Hardwick,1965; rama Bhattacherjee & Gupta,1972.

Range (as code): Md Cn DZ MA TN PT ES Mu FR Co Sa Si IT MT IE GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU MD UA BY IR Fa Lo By Yas Ke Uı Ku PK Bl Qu AF Ca Gbh Hr Srb Kab Arh Dwe ZA Gau Pre Jh Tva Lpo Spb Mdk CA MX GT CR PA JM IQ JO IL Pa Rd US Tx Cf VE CV BR PE CL ZR SD KE Nta Kzu Dbn Mv Cto Ec Grh Wca Kny Cto YE Ad SY LB Bei JP Ch IN Hp Sml Gs Drm Cp NI Ddu Up SI NP SG LK ID Ja NAu QAu Bri NSw Syd TS NZ Hw WS PC FJ TO EL NH SB PG AU MY Prk OW NC CY Agh Hf TH CMa CDo Cuo Cu07 KK Osh Elb Lvv Th Dam Kd Snj Mz Gls Kh Gh Mia Kz Ss Chh Kda Cai Bli Sbw Sba Kai GG AZ AM Cc Ro Kr St Kb Kc Nt Ich Ing Da Kyi ET ET24 CV Az Md Kndy Pdy Dck Smt Bjo Lag Kir Bku Der Abe Clo Lbs PH Mno Crg 01 04 05 06 08 13 14 16 20 25 26 28 30 31 33 36 37 44 46 47 49 50 51 53 56 57 58 61 63 65 71 72 75 01L 01La 04C 04Cf 05A 06R 06Rd 13B 16A 30B 30Bç 30Bz 30D 30Df 31K 33A 33Ak 33Aj 33R 33Rb 36D 36Db 36F 36Fb 44I 44Ic 44L 44Lc 49F 49Fb 51B 51Ba 56F 56Fa 56Fb 56Fv 56Fç 58F 58G 63D 65A 65Ai 65Bx 65D 65Dh 65Dj 65G 65Ge 65K 65Kl6 65Z 65Kp 75F 75Fb

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## 164. *Heliothis peltigera* ([Denis & Schiffermüller],1775)

Synonymy: peltigera [Denis & Schiffermüller],1775; alphea Cramer,1780; florentina Esper,[1788]; charmione Stoll,1790; straminea Donovan,1793; insulata Navas,1924.

Range (as code): MA DZ Cn PT ES Mu FR Co Sa Si IT MT IE GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR DK SE FI EE LV LT RU MD UA BY IR Mz Fa Ke Lo By Yas Hz Ss Kh Ha PK Bl Qu IQ MJ JHa Amr Agh Kq Dk AF Hr Gbh Kab Srb Arh Dwe Bark Fz LB BsA IN Dlh Hp NP JO Sn IL Pa Hf Dam Kdj Elb Th Ak Mrd Mia Kz Yas Km Kd Snj Hz B-A Maz Gls Kh GG AZ AM Cc KK TrA TM Kp UZ KG Ro Kr St Kb Ke Nt Ing Da CV MM Kba Tbl Smt Bjo Lag Bku Nv Ord Hmk Ktr Kh BSA Perr Sfr Dje Dhm Abe Bsk Hrh Ges Clo Lbs Anna Ah Ajj 01 04 05 06 07 08 09 13 16 18 20 21 24 25 27 30 31 33 35 36 38 42 44 45 46 50 51 56 58 63 65 66 72 73 75 80 01L 01Lb 04C 04Cf 05A 07B 07Bb 09K 09Ka 13A 13Ab 13Ax 13F 13F25a 13F38 13G 13Gö 13Gğ 13Gg 16A 18F 21N 21Nb 21Nc 21Nh 27D 27Db 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka3 31Ka7 33A 33Aa 33Ac 33Ad 33Ap 33E 36F 36Fb 44E 44Ei 44L 44Lc 46D 46Dc 56F 56Fo 56Fa 56Fb 56Fv 58N 63D 65A 65Am 65Am1 65Am2 65Am3 65An 65Ai 65At 65At5 65D 65Dda 65Df 65Dl 65Du 65E 65Eb 65Ec 65Ed 65F 65Fa 65Fd 65Fg 65Fr 65Fz 65G 65Gb 65Ge 65K 65Kb 65Kl 65Kl6 65Z 65N 65Nc2 65Np 65Nr4 65Nr7 65Nr8 65Nm 73A 73Aa 73D 73Da 73Df 73Dfc 75F 75Fb

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Pınarlar 475m (33Ad), 9.viii.2015, M.Kemal & A.Koçak leg. - 1♀. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 3♂2♀. Anamur, Ovabaşı 2km W 100m (33Am), 13.iv.2019, 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## 165. *Honeyana ragusana* (Freyer,1844)

Synonymy: ragusana Freyer,1844; virginea Guenée,1852; cinerina Ghiliani,1854; psilogramma Lederer,1855; quinquelinealis Moore,1877; dividens Lucas,1892; polygramma Hampson,1894; #basialbida Strand,1917

Range (as code): Sa Si IT AL BG GR Cr TR CY LB Bei TM ZA Nta Tva SC SD NG CI IN Adm Nk MM BT SG VN MY ?TH AU QAu NH NC PG PH Luz ID Ja FJ CN TQ Ri 07 17 20 31 33 48 33A 33Am

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

## 166. *Idia calvaria* ([Denis & Schiffermüller],1775)

Synonymy: calvaria [Denis & Schiffermüller],1775; calvarialis Hübner,1818

Range (as code): ES FR Co Sa Si IT NL DE CH AT PL CZ SK HU RO YU AL BG GR TR AZ AM GG Tbl Smt Bjo CY IQ RU Cc Kr MD UA Lvv BY IR Gls Kh 05 07 13 14 30 31 33 46 51 56 58 73 05A 13F 13F38 13F8 30B 30Bj1 30D 30Df 30Dt 31E 33A 33Ae 46G 46Gf 56F 56F1 56Fm 56Fx 56Fy 73A 73Ad 73Ad1

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**167. *Lithophane ledereri* (Staudinger,1892)**

Synonymy: ledereri Staudinger,1892; discors Staudinger,1892

Range (as code): YU BG GR Rd TR CY IQ Shq IL Pa He 05 07 14 33 46 65 05A 14B 14Bb 33A 33Ak 65F 65Fm

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**168. *Lygephila (s.str.) amasina* (Staudinger,1879)**

Synonymy: amasina Staudinger,1879; sublutea W.Warren,1913.

Range (as code): TR IL Pa IR IQ LB Lkl 01 03 04 05 06 07 08 11 13 18 24 25 32 33 36 42 49 50 51 56 58 62 65 66 70 05A 06R 06Rb 13F 13F7 13F71 33A 33Aj 33G 42J 42X 42Xa 50G 56F 56Fm 56Fs 56F1 56Fq 56Fy 65A 65Ai 65D 65Dj 65Dl 65Dlc

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**169. *Metachrostis velox* (Hübner,[1813])**

Synonymy: velox Hübner,[1813]; griseimargo W.Warren,1912; mendacularis Treitschke,1829; tarda Turati,1926; velocissima Turati,1926; rubescens Schwingenschuss,1930

Range (as code): Cn MA DZ BSa Perr Hmk Dhm Ges Sbd Rbt TN Gf LY EG PT ES Mu FR Sa Si IT MT YU MK AL BG GR Cr TR AM Cc LB Bei IL Pa Hf JO CY IR Fa Hz B-A 10 16 17 33 45 16A 33A 33Ac 33Ak

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**170. *Minucia bimaculata* Ostheder,1933**

Synonymy: bimaculata Ostheder,1933

Range (as code): TR IQ IR Fa Hz B-A 01 07 13 21 30 31 32 33 42 46 56 63 65 70 73 01H 07C 07Cc 13C 13Cf 13F 13F21 21N 21Nh 30B 30Bj1 30D 30Df 31L 32K 33A 33Ac 33Ak 33O 56A 56Ac 56F 56F3 56Fa 56Fg 65D 65Dlc 70C 70Cc 73A 73Ab 73Ac 73C 73Ce

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**171. *Mythimna (Aletia) l-album* (Linnaeus,1767)**

Synonymy: l-album Linnaeus,1767; penicillata Moore,1881

Range (as code): MA DZ TN PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AZ AM Cc DK NO SE LV RU Ur MD UA BY IR Fa Ke Lo Es Ha Ss Gh Elb Th Dam Kdj Ab Kz Yas AF Gbh PK IN Pj Sml Dlh Hp Kul Up Bhi SI NP CY IQ LB Bei Bsa IL Pa KK KG CN UZ Lvv Tk Dj Ax N-A Ro St Kr Kb Nt Ich Da Thu Smt Bjo Lag Kir Nv Ord Oru Sdt Kd Bne Gls Kh Agi Anna Ges Lgt Blid Bsk Btma Lbs Khh Dhm Prr Abe Sbd Afl BSa Hrh Psu Gg Txl Abb Nar Sai 01 05 06 07 08 10 12 13 16 17 18 21 25 30 31 32 33 34 36 38 39 42 44 45 46 49 50 51 56 58 61 62 63 65 69 72 80 01L 01Le 05A 06R 06Rq 06Y 06Yb 08H 08Ha 13A 13Ab 13Ax 13B 13C 13Cd 13F 13F21 13F25 13F41 13G 13Gg 13Gs 13Gw 16A 21N 21Nb 30B 30Bc 30Bt1 30Bz 30D 30Df 30Dt 30Dx 31K 31Ka 31Ka3 33A 33Ac 33G 36D 36Db 36F 36Fb 38H 38Hc 44E 44Eh 44L 44Lc 49E 49Ea 56F 56Fo 56Fb 56Fö 56Fv 56Fa 56Fm 56Fq 56F1 58G 61K 61Ka 62G 62Gb 65A 65Ai 65B 65Bo 65Bx 65D 65Df 65Ds 65Dv 65F 65Fg 65Kr 65Fm 65Fp 65Fz 65G 65Gb 65Ge 65K 65Kl 65Kl1 65Kl6 65Z 65L 65Le 65N 65Nc 65Nc4 65Np7 65Nm

Material studied: ♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

**172. *Mythimna (Aletia) sicula* (Treitschke,1835) (Fig. 19)**

Synonymy: sicula Treischke,1835; cyperi Boisduval,1840; dactylidis Boisduval,1840; montium Boisduval,1840; albivena Graslin,1852; fuscilinea Graslin,1852; belgiensis Derenne,1931; bavarica Forster & Wohlfahrt,1971

Range (as code): Abe Sbd MA DZ Ah Ges Gue Btma Bsk Agi Dhm Tun Dzc Ahr Hmk Hrh Mzg TN PT ES FR Co Sa Si IT MT BE NL DE CH YU HV AL BG GR Cr TR CY YE47 01 09 17 21 22 31 33 34 59 63 65 21N 21Nh 31K 31Ka 31Ka5 33A 33Ao 63E 65F 65Fm

Material studied: Material studied: ♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 13.iv.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: The present record is new for the fauna of İçel and Hatay Provinces (Kemal & Koçak, 2015a).



**Fig. 19** - *Mythimna (Aletia) sicula*. Male genitalia (GP2420). South Turkey, Hatay Prov., Samandağ, Meydan, A.Koçak (Cesa)

**173. *Mythimna (Aletia) vitellina* (Hübner,[1808])**

Synonymy: *vitellina* Hübner,[1808]; *#vitellena* Lederer,1870; *decolorata* Dannehl,1929; *saturatior* Dannehl,1929; *grisescens* Dannehl,1929.

Range (as code): Cn MA MR DZ TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ Brs Ry Rzw Dia Agh DK RU At MD UA BY PK Ch NP IN Pj Kul CN IR Lo Es Ha Kh Fa Mz Elb Th Kdj AF Hr UZ Fe KK Ik TM KG TJ CY AZ Bak GG Cc LB Bsa SY JO IL Pa T-A Kp N-A Br Ro Kr St Kc Kb Nt Ing Ich Da Tbl Smt Bjo Bku Kir Glis Agi Blid Khh Gue Ges Btma BSa Anna Orn Abe Sfr Sbd Dhm Sét Hrh Hmk Lvv 01 02 03 05 06 07 08 09 13 16 17 18 21 22 23 24 25 27 28 29 30 31 33 34 35 36 37 39 42 44 45 46 48 49 50 51 52 56 58 62 63 65 72 73 75 76 80 01L 01Lf 01Lh 01Li 01Lk 02F 02Fd 02Fz 05A 06E 06Ea 06R 06Rb 06Rq 06Y 06Yb 07B 07Bb 13A 13Ab 13Ax 13F 13F21 13F25 13F41 13G 13Gü 13Gw 16A 21L 21Lc 21N 21Nh 25C 25Ca 30B 30Bt1 30Br 30Bz 30D 30Df 30Dx 33A 33Ae 33G 36D 36Db 36F 36F 44E 44Eh 44Ei 44L 44Lc 46G 46Gf 48L 49F 49Fb 56E 56Eh 56F 56Fa 56Fb 56Fh 56Fo 56Fv 56F3 56F1 56Fs 56Fc 56Fy 58G 58Gi 58R 62G 62Gb 63D 63E 65A 65Ai 65An 65Am 65Am2 65D 65Df 65Dl 65Dlc 65Ds 65Du 65Dv 65F 65Fa 65Fb 65Fç 65Fd 65Fg 65Fj 65Fm 65Fr 65Fp 65Fu 65Fz 65G 65Gb 65Ge 65K 65N 65Nc 65Nc4 65Kd 65Kg 65Kl 65Kl6 65Z 65Kp 65Ku 65L 65Lb 65Le 65N 65Nm 65Np 65Np1 65Np8 65Nr8 73D 73Db 75F 75Fe 76A 76Ac 76B 76Bb 76D 76Da

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**174. *Noctua (Divaena) haywardi* (Tams,1926)**

Synonymy: *haywardi* Tams,1926; *balcanica* Slivov,1985

Range (as code): HU B-H MK YU BG GR Cr TR CY UA Cm 01 05 06 07 09 11 14 17 18 22 33 42 43 51 65 66 05A 06R 06Rb 09K 09Ka 11E 33A 33Ac 33R 42D 65F 65Fa

Material studied: 2♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**175. *Noctua (Euschesis) janthina* ([Denis & Schiffermüller],1775)**

(Fig. 84)

Synonymy: *janthina* [Denis & Schiffermüller],1775; *flavomaculata* Goeze,1781; *altica* Geoffroy,1785; *latimarginata* Röber,1900; *algirica* Oberthür,1918; *intermedia* Rothschild,1920

Range (as code): DZ Abe Agi Anna Dhm TN PT ES FR Co Sa Si IT BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK SE FI LV LT RU Ro Kr Kb Nt Ich Ing Da Der MD UA Cm Lvv BY LB IQ IR Elb Mz Dam Cc AZ Kir 01 03 05 06 07 11 13 16 17 18 30 33 38 39 42 46 56 59 60 65 70 72 01A 01L 01Lf 03H 05A 11E 13F 13F25 13F35 16A 30D 30Df 33A 33Ac 33An 33Ao 42B 56F 56Fo 56F1 56Fy 56Fq 56Fb 56Fs 56Fö 59D 65A 65Ai 70C 70Cb

Material studied: 3♂. İçel Prov., Anamur, Köseköyü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg.

Remarks: New record for the fauna of İçel Province.

**176. *Noctua (Latanoctua) orbona* (Hufnagel,1766)**

Synonymy: orbona Hufnagel,1766; subsequa [Denis & Schiffermüller],1775; caroni Lempke,1964.

Range (as code): MA DZ TN LY PT ES FR Co Sa Si IT GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR CY TR DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Ich Ing Kyi Da MD UA Cm BY IR Lo By Yas Zj Elb Th Kdj Kd LB Bsa SY IQ GG Smt Akh Bjo Tbl AZ Hkd Kir Nv Ord AM Cc TM UZ N-A AF Kh LU KG Uk KK Osh TJ Pm Chr Tbl Smt Bjo Lag Kir Nv Ord Bne Ges Clo PK Abb o1 o3 o4 o5 o6 o7 o8 o13 o14 o16 o17 o18 o21 o23 o25 o27 o28 o30 o31 o36 o38 o39 o42 o43 o46 o47 o50 o51 o56 o58 o59 o60 o62 o63 o65 o66 o70 o72 o1L o1Lk o4C o4Cf o5A o6E o6Ra o6Rb o6Rd o6Rq o6Y o6Yb o13A o13Ab o13Ax o13F o13F25 o13F35 o13F38 o13G o13Gg o13Gf o13Gü o13Gw o14I o16A o21L o30B o30Bt1 o30Bz o30D o30Df o30Dt o33A o33Ae o36D o36Db o42B o42D o47D o50G o50Ga o50Gd o56F o56Fb o56Fq o56F3 o56Fv o56Fa o56Fç o56Fj o58G o59D o63D o65A o65Ac o65Ac3 o65An o65At o65At5 o65Ab o65Aba o65Bx o65D o65Du o65Di o65F o65Fa o65Fb o65Fg o65Fr o65Fz o65G o65Ge o65K o65Kl o65Kl6 o65Z o65L o65Le o65N o65Np7 o65Nm o70C o70Cb

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**177. *Noctua (Paranoctua) comes* (Hübner,[1813])**

Synonymy: orbona Fabricius,1787 nec Hufn.,1767; comes Hübner,[1813]; adsequa Treitschke,1825; prosequa Treitschke,1825; bergensis Sp.-Schn.,1901.

Range (as code): MA DZ Dzc Hrh Abe Sbd Lbs Dhm Tun Bttna TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT IR Lo Ke Fa Enz Gh Ab Kz Km Kd Lo Mz Glz Elb Kh IQ SY LB Bsa IL Hf Pa JO AM GG Tbl Cc RU Ro Kr St Kb Da Der o1 o5 o6 o7 o8 o9 o10 o11 o13 o16 o21 o22 o30 o31 o33 o39 o42 o43 o44 o45 o46 o56 o59 o63 o65 o72 o73 o1K o5A o6R o6Rb o11E o13C o13Cd o13F o13F25 o13F35 o13F38 o13G o13Gg o13Gü o13Gs o13Gw o16A o21L o21Lc o30B o30Bc o30Bc1 o30Bd o30Bç o30Bç2 o30Bz o30D o30Df o30Dx o31K o31Ka o33A o33Ae o33Am o33Ao o42B o44Lc o56F o56Fo o56Fb o56Fv o56Fs o56Fq o56F1 o56Fc o59D o63D o65A o65Ac o65Ac3 o65At o65At5 o65Ab o65Aba o65D o65Dn o65F o65Fb o65Fp o65Fz o65K o65Kd o65Kg o65N o65Nc o65Nç o65Np o65Np7 o65Nm o73D o73Db

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**178. *Noctua (s.str.) pronuba* (Linnaeus,1758)**

Synonymy: pronuba Linnaeus,1758; connuba Hübner,[1822]; innuba Treitschke,1825; hoegei Herrich-Schäffer,1861; nigra Krausse,1912 nec Piesz.,1908; decolorata Turati,1923.

Range (as code): MA DZ TN LY EG PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR DK NO SE FI EE LV LT RU Nov Sr MD UA Cm BY IR Fa Mz Gh Elb Th Kd Bu Dlk IQ Agh Dy Kbl Kro AF PK IN GG Tbl Bjo AZ Kir AM Cc Sb Ur LB Bsa IL Hf Pa JO Lvv Sn Az Cn UZ Br Ro Kr St Kc Kb Nt Ing Kyi Da Tbl Smt Bjo Lag Kir Bne Glz Bttna Agi Dhm Bdj BSa Khh Orn Anna Abe Sbd Afl Knt Hrh Mzg o1 o4 o5 o6 o7 o8 o13 o14 o16 o17 o18 o21 o24 o27 o28 o30 o31 o33 o34 o35 o36 o39 o42 o43 o44 o45 o46 o50 o51 o56 o58 o59 o60 o61 o62 o63 o65 o71 o72 o73 o1A o1N o1L o1La o5A o6D o6Da o6R o6Ra o6Rb o13G o13Gg o16A o21N o21Nb o30B o30Br o30Bz o31K o31Ka o31Ka5 o33A o33Am o36D o36Db o42B o42D o44E o44Eh o44I o44Ic o44L o44Lc o56F o56Fa o56Fb o56Fç o56F6 o56Fv o56Fm o56F1 o56Fc o58G o59D o63D o65A o65Am o65Am4 o65Ab o65Aba o65D o65Dl o65Dlc o65F o65Fa o65Fb o65Fp o65Fz o65Fu o65Fm o65Fr o65K o65Kd o65Kp o65N o65Np o65Np1 o65Np8 o65Nm o73D o73Db

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14 vii.2018, M.Kemal & A.Koçak leg. (Cesa).

**179. *Nola (s.str.) cicatricalis* (Treitschke,1835)**

Synonymy: cicatricalis Treitschke,1835; tuberculalis Mann,1857

Range (as code): ES FR Sa IT DE CH AT PL CZ SS SK HU RO BG GR TR RU Sr Cc Da VI o6 o7 o11 o13 o17 o30 o31 o33 o34 o35 o43 o46 o48 o56 o73 o6R o7A o7Ab o13C o13Cg o30B o30Bç o30Bz o31K o31Ka o33A o33Ac o33Ak o35E o48G o48Gb o56D o56Dd o73C o73Cd

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**180. *Nola (s.str.) cucullatella* (Linnaeus,1758)**

Synonymy: cucullatella Linnaeus,1758; ludvigella Müller,1764; palliola [Denis & Schiffermüller],1775; pygmaria Fabricius,1794; palliolalis Hübner,1796; cucullatalis Haworth,1811; cucullatana Hübner,[1825]; fuliginalis Stephens,1834

Range (as code): MA TN ES FR Si IT GB BE NL LU DE CH AT PL CZ SK HU YU BG GR TR DK NO SE FI EE LV LT RU VI Sr Ro Ur IL Pa Js MD UA Lvv BY IR Elb Mz o7 o10 o14 o16 o33 o10D o14B o14Bb o33A o33Ae

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**181. *Nola (s.str.) ronkayorum* Beshkov,2006**

Synonymy: ronkayorum Beshkov,2006

Range (as code): BG TR o7 o25 o32 o33 o7A o7Aa o7Ad o25F o33A o33Ac o33Ak

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**182. *Nola subchlamydula* Staudinger, 1870**

Synonymy: subchlamydula Staudinger, 1870; lathonialis Millière, 1872; kruegeri Turati, 1911; praetextula Chrétien, 1923; infantula Kitt, 1926; derasa Zerny, 1933; albidula Zerny, 1934

Range (as code): MA DZ Afl Lbs Hrh TN ES Mu FR Co Sa IT BE DE Bw CH AT YU BG GR Cr Sms TR LB Bei Bsa IR Fa IQ Cc RU Ao Da UA Cm 05 06 07 13? 25 31 33 48 56 72 06R 13A? 13Ab? 13Ax? 25N 25Na 31K 31Ka 33A 33Ac 48G 48Gb 48L 56F 56F1

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**183. *Nycteola* sp.**

Material studied: 1ex. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**184. *Nyctobrya (Bryopsis) amasina* (Draudt, 1931)**

Synonymy: amasina Draudt, 1931

Range (as code): RO MK BG GR Cr CY TR TM IR Kh LB IL Pa JO YE RU Cc St Ich Da AM 01 05 06 08 12 13 18 25 30 31 33 42 56 62 65 75 01L 01Lb 01Lk 05A 06R 08H 08Ha 08Hb 12E 12Ec 13F 13F28 25F 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka3 33A 33Ac 33Ae 33Ao 33Ar 56F 56Fj 65A 65Am 65Am4 65D 65Dh 65Dv 65F 65Fa 65K 65Kl6 65Z 65L 65Lb 75F 75Fa

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Taşocağı 210m (33Ac), 19.viii.2015, M. Kemal & A.Koçak leg. - 2♂. Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Gökcə valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**185. *Odice suava* (Hübner, [1813]) (Fig.85)**

Synonymy: suava Hübner, [1813].

Range (as code): MA DZ Rbt Dhm Perr Blid Hmk Sbd Bsk Gf TN PT ES FR Co Sa Si IT MT RO YU AL BG GR Cr TR Cc LB KG Tk Dj 03 06 08 11 14 17 18 19 25 33 39 42 50 51 65 66 06Rb 33A 33Ao 65K 65Kl6 65Z

Material studied: 1♀. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**186. *Ophiusa tirhaca* (Cramer, [1777])**

Synonymy: tirhaca Cramer, [1777]; #tirrhaea Fabricius, 1781; vesta Esper, 1789; olivacea De Villers, 1789; auricularis Hübner, [1803]; hottentota Guenée, 1852; separans Walker, 1858; clementi Swinhoe, 1918; #demarginata Heydemann, 1963; obscura Pinker & Bacallado, 1978

Range (as code): Cn MA MR DZ TN LY PT ES Mu FR Co Sa Si IT CH AT RO YU BG GR Rd Cr TR CY SY Hal Pmy LB IL Pa JO EG Sn Sk SD ET ET24 ER SO KE ZA Tva Lpo Spb Mdk Gau Pre Wb Ec ZW Har MD IR Hz Fa Kaz Mia IQ Bgd AF PK TH Knc CMa Int CDo MY TW Sum PH Pan Bly Mno Bkd Ktd IN ID Clb Mlc NC JP AU MG SC Kz Yas Cuo Dhm Ges BSa Bdj Perr Abe Hrh Orn Ah Ajj Js Heb Ngv 01 05 06 07 16 30 31 33 01C 05A 06F 06Fb 07B 16A 30D 30Df 31K 33A 33Aa 33G

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**187. *Orthosia (Monima) cerasi* (Fabricius, 1775)**

Synonymy: cerasi Fabricius, 1775; stabilis [Denis & Schiffermüller], 1775; obliqua De Villers, 1789; junctus Haworth, 1803; pallida Haworth, 1809; rufannulata Haworth, 1809.

Range (as code): DZ Agi PT ES An FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU HV MK BG GR TR DK NO SE FI EE LV LT RU Ro Kr Nt Da MD UA Lvv BY Cc GG AZ IL Pa IR KG 01 05 07 15 33 46 47 65 05A 33A 33Ak 47D 65D 65Dlc 65F 65Fm

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**188. *Orthosia (s.str.) incerta* (Hufnagel, 1766)**

Synonymy: incerta Hufnagel, 1766; instabilis [Denis & Schiffermüller], 1775; collinita Esper, [1790]; contracta Esper, [1790]; trigutta Esper, [1790]; nebulosus Haworth, 1803; subsetaceus Haworth, 1803; angustus Haworth, 1803; fuscatus Haworth, 1803; pallida Lampa, 1885 nec Hw., 1809; pallidior Staudinger, 1901 nec Stgr., 1888

Range (as code): MA PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Cr TR DK NO SE FI EE LV LT RU GG Smt Bjo Lag Cc Ro Kr Nt Da Sb At MD UA Lvv BY CN Ui Ku KK Ik Ax Fe UZ KG DsA JP IN Pj Hp Sml IQ CY LB IR Elb Th 03 04 06 07 09 13 15 30 31 32 33 34 42 43 46 50 56 58 65 73 04D 06R 06Rb 06Rq 13C 13Ce 30D 30Df 33A 33Ac 34A 50G 56F 56F3 58G 58Gi 65D 65Dlc 65F 65Fp 65Fu 65Fz 65K 65Kl 65Kl3 65Z 65L 65Le 65N 65Nc 65Nm 65Np 73A 73Aç

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**189. *Parascotia detersa* (Staudinger,1892)**

Synonymy: *detersa* Staudinger,1892

Range (as code): Cr TR LB Bsa CY IR Km 01 07 13 17 31 33 13C 13Cf 31A 33A 33An 33G

Remarks: New record for the fauna of İçel Province.

**190. *Parascotia roiginosa* (Staudinger,1892)**

Synonymy: *roiginosa* Staudinger,1892

Range (as code): TR CY 01 05 06 07 33 42 46 62 70 05A 06C 06Cb 06R 33A 33Ad 33R 33Rb 70C 70Ce

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**191. *Perigrapha (Opacographa) rorida* (Frivaldszky,1835)**

Synonymy: *rorida* Frivaldszky,1835; *sieversi* Romanoff,1885; *ganimetae* Kornosor & Lödl,1990

Range (as code): ES FR Co Sa IT YU MK AL BG GR Cr Rd TR IQ Cc GG Tbl 01 05 06 07 09 15 16 17 21 30 31 32 33 35 43 45 46 56 62 05A 06R 06Rb 16A 21N 21Nh 30D 30Df 33A 33Ac 33G 56A 56Ac

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**192. *Plecoptera inquinata* (Lederer,1857)**

Synonymy: *inquinata* Lederer,1857; *pyrami* Rogenhofer,1873; *amanica* Osthelder,1933

Range (as code): TN LB Bei Bsa IL Pa TR Cc AZ Kir Nv Ord IQ Rzw IR Fa Ke Lo Ss Kaz Mia Sse Kz Yas SY Pmy 01 07 08 13 30 31 33 42 46 47 56 65 72 01E 01F 08H 13C 13Cf 13F 13F25a 13F38 30B 30Bc1 30Bh 30Bi 30Bj1 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka3 31Ka5 31Ka7 33A 33Ac 33Ad 46G 46Gf 56F 56F1 56Fs 56Fv 56Fb 56Fc 65A 65Ai 65Am 65Am1 65D 65Dl 65Dlc 65F 65Fp 65Fz

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**193. *Polyphaenis viridis* (De Villers,1789) (Fig.86)**

Synonymy: *sericata* Esper,[1787] (preocc.); *viridis* De Villers,1789; *sericina* Esper,1790; *prospicua* Hübner,[1803]

Range (as code): PT ES Mu FR Si IT DE CH AT PL SK HU RO YU AL BG GR Cr TR Cc AM IL Pa RU Kr MD UA BY 05 06 17 33 48 05A 06R 06Rb 33A 33Ac 33Ao 48G

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**194. *Pseudozarba bipartita* (Herrich-Schäffer,1850)**

Synonymy: *bipartita* Herrich-Schäffer,1850

Range (as code): TN Sfx SD SO PT ES An Mu FR Co Sa Si IT MT GR Cr BG TR IR Hz B-A 07 31 33 07C 31K 31Ka 33A 33Am 33Ao

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14 vii.2018, M.Kemal & A.Koçak leg. - 2♂. Anamur, Korucuk 1km NE 120m (33Ao), 17.viii. 2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**195. *Spodoptera cilium* Guenée,1852**

Synonymy: *cilium* Guenée,1852; *cycloides* Guenée,1852; *capicola* Herrich-Schäffer,[1854]; *latebrosa* Lederer,1855; *insignata* Walker,1857; *orbicularis* Walker,1857; *praeterita* Walker,1857; *procedens* Walker,1857; *obliterans* Walker,1862; *infixa* Walker,1862; *insulsa* Walker,1865; *imperviata* Walker,1865; *retrahens* Walker,1870.

Range (as code): DZ Bsk PT ES Mu FR Co Sa? Si IT MT GB BG Cr TR IL Pa Hf LB Bei Bsa IQ Bsr Amr Agh Bgd IR Km Hz CY PK Bl Txl Abb Qu Haz Cte AF Srb IN ZA Nta Kzu Est Wca Cto Ec ZW Har KE TH Bnk 09 31 33 58 09K 09Ka 31K 31Ka 33A 33Ac 33Ae 33Ao 33Ar

Material studied: 4♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. - 3♂. Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018). However, for its exact identification, it need closer examination.

**196. *Spodoptera littoralis* (Boisduval,1833)**

Synonymy: littoralis Boisduval,1833; retina Freyer,1845; testaceoides Guenée,1852; metriodes Bethune-Baker,1911.

Range (as code): ET ET24 ZA PT ES Mu FR Co Sa Si IT MT GB NL DE CH AL GR Cr TR CY DK SE FI IQ IR Ke Bu Dlk Hz B-A IL Pa Hf YE Ad 07 31 33 48 31K 31Ka 33A 33Am 48D

Remarks: New record for the fauna of İçel Province.

**197. *Standfussiana lucerneae* (Linnaeus,1758) (Figs. 20, 21)**

Synonymy: lucerneae Linnaeus,1758; dubia Vorbrodt,1911; pallida Schawerda,1933

Range (as code): ES FR IT IS IE GB DE CH AT PL CZ SK RO YU AL MK BG GR TR IR Elb Kh Lo Ha Mz Es Th DK NO SE FI RU Cc Kb Da Kus MD UA BY AM AZ LB Bsa CY AF 06 13 18 25 30 33 44 46 58 65 06R 06Ra 06Rq 13G 13Gü 13Gw 18F 25C 25Ca 30B 30Be 30D 30Df 33A 33Ae 44E 58G 65A 65Ab 65Aba 65D 65Dg 65F 65Fp 65Fg 65Fz

Remarks: New record for the fauna of İçel Province.



**Figs. 20, 21 – *Standfussiana lucerneae*.** Male genitalia (GP3237) and upperside of the male. İçel Prov., Anamur, Çicekyurdu 1620m. M.Kemal (Cesa).

**198. *Thysanoplusia (Daubeiplusia) daubei* (Boisduval,1840)**

Synonymy: daubei Boisduval,1840; ciliaris Walker,[1858]

Range (as code): MA DZ Bsk Abe Bdj Ktr TN Gf LY EG ES Mu FR Co Sa Si IT MT GR Cr TR AF Nu Bsg IL Pa SY Hal LB CY IR Fa Ss Hz B-A Km Kz Bu Hz Ke IQ Bgd Agh Bsr PK Abb Bbu SI Gg IN NP CN JP TW TH CMa Php GM SN ZA ZW ZR 33 33A 33Am 33R

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

**199. *Victrix (Rasichia) tabora* (Staudinger,1892)**

Synonymy: tabora Staudinger,1892

Range (as code): TR IQ Mos IR Fa Km Ksh Lo Com IL Pa 13 27 30 33 44 46 47 65 72 73 13C 13Cf 13F 13F71 27B 30Bz 30D 30Df 30Dt 30B 30Bh 30Bj1 33A 33Ac 33Ad 44L 44Lb 46G 46Gf 47D 65F 65Fa 73A 73Ad 73Ad2

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**200. *Xestia (Megasema) c-nigrum* (Linnaeus,1758) (Fig.87)**

Synonymy: c-nigrum Linnaeus,1758; nunatrum Esper,[1786]; singularis Esper,[1786]; degenerata Staudinger, 1889; depravata A.Bang-Haas,1912; kurilana Bryk,1942; #pallida Lempke,1962; ignorata Eitschberger,1972.

Range (as code): PT ES Grn FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc DK NO SE FI EE LV LT RU Mo Sb MD UA BY IR Kh Gh Elb Mz Kdj KK Ax Ik UZ N-A CN Ui Ku Kön Yk Ga Sz T-T IN Hp Drm Kul Nl SI Up Bhi Nnt Kil SA PK Pj Cp GG AZ PH Luz Pq Sh SI Ti TW VN MA Md KP KR JP CA Nsc US Ny Iln MX Ro Kr St Kb Kc Nt Ich Ing Da Kyi Smt Bjo Tbl Kir Lag Swa Sgl Yek DZ Blid Agi Abe Dhm Hrh Dzc TN Txl Psu Gg 05 13 28 34 33 36 50 51 56 58 60 61 65 75 05A 13F 13F38 13G 13Gü 13Gw 33A 33Am 33E 36D 36Db 56F 56Fa 56Fb 56Fc 56Fv 56Fj 58G 61K 61Ka 65Bx 65F 65Fj 65Fr 65Fp 65Fz 65G 65Ge 65K 65Kp 65L 65Lb 65Le 65N 65Np6 65Nm 75F 75Fb

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

#### **201. *Zebeeba falsalis* (Herrich-Schäffer,[1839])**

Synonymy: falsalis Herrich-Schäffer,[1839]; ?dardounula Millière,1871

Range (as code): DZ Hes Agi Gue Hmk Hrh Ges Abe Sbd TN PT ES Mu FR Co Sa Si IT MT YU MK AL BG GR Cr TR CY LB Bsa IL Pa Hf SY 07 30 33 30B 30Bt1 30Bz 33A 33Ak

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

#### **202. *Zekelita (Rhynchodontodes) antiqualis* (Hübner,[1809])**

Synonymy: antiqualis Hübner,[1809]; mardinalis Staudinger,1892; anatolica F.Wagner,1931; #antiquulis Zukowsky,1941

Range (as code): Si IT RO HV YU AL BG GR Cr CY TR AM GG Lag AZ Nv Ord RU Cc Ro St Kr LB Bsa IL Pa JO IR Ab Oru Sdt Mrv Bne Km Kd Sqq AF 01 03 05 06 07 08 12 13 16 17 18 24 25 30 32 33 35 36 37 42 44 45 46 47 48 50 51 56 58 62 65 67 70 73 03E 05A 06R 06Rb 13F 13F38 16A 25F 30B 30Bj1 30D 30Df 33A 33Ae 33R 33Rb 37K 42R 42Rb 44L 44Lc 47D 48L 56F 56Fa 56Fv 65A 65Ai 65D 65Df 65Dg 65Ds 65Dv 65F 65Fr 65Fp 65Fz 70C 70Ce 73A 73Ab 73Ad 73Ad2

Material studied: 2♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

#### **203. *Zethes insularis* Rambur,1833**

Synonymy: insularis Rambur,1833

Range (as code): MA DZ Orn Hrh Hmk Dzc Ges Sfr TN LY PT ES Mu FR Co Sa Si IT YU BG GR Rd TR CY IR Fa Mia Kaz Sse Ke By Kz Yas Lo IQ Ssa LB Bei IL Pa Hf SY JO 02 05 07 10 14 16 21 22 31 33 35 42 45 48 56 63 02E 02Ec 05A 16A 21N 21Nh 31K 31Ka 31Ka3 33A 33Ac 33L 33R 33Rb 56F 56Fc 56Fv 56Fy 56Fa 56Fb

Material studied: 1♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

#### **204. Gen.sp.**

Remarks: Three specimens (worn) were captured from Anamur. Externally, it belongs to an Herminiinae genus. Its identity is still ongoing.

### **Notodontidae**

#### **205. *Drymonia querna* (Fabricius,1787)**

Synonymy: #querna [Denis & Schiffermüller],1775; querna Fabricius,1787; sausalica Daniel,1968; meridioitalica Hartig,1970; danieli Hartig,1970

Range (as code): PT ES FR Si IT BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR LB 01 02 06 07 14 17 24 32 33 37 46 73 80 01G 01L 01Le 02H 02Ha 06R 06Rb 07B 07C 14B 17E 33A 33Ao 37C 46D 73C 73Ce 80C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 13.iv.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

#### **206. *Harpyia milhauseri* (Fabricius,1775)**

Synonymy: milhauseri Fabricius,1775; terrifica [Denis & Schiffermüller],1775; vidua Knoch,1781; albida Daniel,1932

Range (as code): PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE LV LT RU MD UA Lvv BY IQ 05 06 07 10 12 13 14 21 24 30 31 33 37 42 46 48 49 53 56 60 62 64 65 66 71 73 05A 06R 06Ra 06Rb 07B 10U 12A 12Aa 13F 13F38 13G 13Gy 14B 21N 21Nh 30B 30Bg 30Bz 30Bh 30D 30Df 31B 31K 31Ka 33A 33Ak 33G 33F 37P 42B 48G 48Gb 49E 49Ea 53M 53N 56A 56Ac 56F 56Fa 56Fb 56F3 56Fi 64F 65A 65Ai 65D 65Ds 65Dy 65F 65Fe 66P 71C 71Cc 71D 73C 73Ce

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

#### **207. *Stauropus fagi* (Linnaeus,1758)**

Synonymy: fagi Linnaeus,1758

Range (as code): PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR GG Bjo Smt Lag AZ AM Cc IR Gls DK NO SE FI EE LV LT RU Sb Us MD UA Lvv BY KG CN JP Hkk 01 08 12 13 14 18 25 31 33 34 37 49 53 56 65 80 01D 08F 13F 13F41 14B 18F 25A 31K 31Ka 31Ka7 33A 33Am 34A 37C 49E 49Ea 56F 56F5 65F 65Fe

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 13.iv.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

## Oecophoridae

### **208. *Agonopterix purpurea* (Haworth,[1811])**

Synonymy: *purpurea* Haworth,[1811]; *vaccinella* Hübner,[1813]

Range (as code): MA PT ES FR Sa Si IT IE GB BE NL DE CH AT PL CZ SK HU RO AL GR TR IR DK SE LV  
LT RU MD UA BY Cc TM Kp 01 05 16 20 26 28 32 33 42 66 71 01K 05A 05Ab 16A 20C 28N 32I 33A 66P

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### **209. *Agonopterix scopariella* (Heinemann,1870)**

Synonymy: *scopariella* Heinemann,1870; *rubescens* Heinemann,1870; *rubropunctella* Lhomme,1929;  
*calycotomella* Amsel,1958 [ssp.] Range (as code): DZ Anna PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK  
RO YU GR Cr CY TR DK NO SE EE RU MD UA Cm BY 07 20 33 48 07B 20C 33A 33Ae 48B

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

### **210. *Agonopterix subpropinquella* (Stainton,1849) (Figs. 56, 57)**

Synonymy: *subpropinquella* Stainton,1849; *rhodochrella* Herrich-Schäffer,[1854]; *thoracica* Lederer,1855;  
*sublutella* Staudinger,1859; *variabilis* Heinemann,1870; *crispella* Lhomme,1929; *keltella* Amsel,1935; *amilcarella* Lucas,1950

Range (as code): DZ Phv PT ES FR Co IT MT IE GB BE NL LU DE CH AT PL CZ HU YU AL GR Cr TR LB Bei  
DK SE LV RU MD UA BY IR Fa Shr SA YE 01 05 07 21 33 44 46 71 01K 05A 07M 21K 33A 33Am 44O 44Ob 46G

Remarks: This species was observed from Anamur (Ovabaşı). The photographs were kindly identified by Mr. P. Buchner (Austria). New record for the fauna of İçel Province.

### **211. *Anchinia* sp.**

Material: 1ex. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018,  
M.Kemal & A.Koçak leg. (Cesa).

Remarks: The genus *Anchinia* was recently recorded from Van Prov. (Bahçesaray) (Kemal & Koçak, 2017c), and *Anchinia cristalis* ssp. *mukusensis* was described by the authors.

However, Kızıldağ & Kemal (2019) proposed *mukusensis* as a distinct species, due to the high value of the genetic distance between *Anchinia* and *mukusensis*. The Anamur specimen looks like to *mukusensis* externally to some degree. However more material and genetic investigation are needed.

### **212. *Carcina quercana* (Fabricius,1775) (Fig.58)**

Synonymy: *quercana* Fabricius,1775

Range (as code): PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR  
LB Bsa DK NO SE FI RU MD UA BY 16 33 42 46 16A 33A 33Am 33An 42B

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am),  
3.v.2018, 14.vii.2018, 5.vi.2019, M.Kemal & A.Koçak leg. - 1♂. Anamur, Köşekbüyü 145m (33An),  
18.vii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal &  
A.Koçak leg. - 1♂. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. -  
2♀. Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### **213. *Dasysera imitatrix* Zeller,1847**

Synonymy: *imitatrix* Zeller,1847

Range (as code): GR Cr Rd TR LB Bei 06 13 31 33 38 45 46 48 65 06R 06Rb 13F 13F22 31K 31Ka 31M 33A  
33Ae 48G 65D 65Dn 65F 65Fb

Material studied: 5♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019,  
M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### **214. *Depressaria bayindirensis* Buchner, Kemal & Kızıldağ,2018**

Synonymy: *bayindirensis* Buchner, Kemal & Kızıldağ,2018

Range (as code): TR 33 35 33A 33Aj 35B

Remarks: This species was previously listed and illustrated from Anamur as “*Depressaria* sp.” by the authors (Kemal & Koçak, 2018).

**215. *Diurnea fagella* ([Denis & Schiffermüller],1775)**

Synonymy: #fagella [Denis & Schiffermüller],1775; pilosella Thunberg,1788; atomana Brahm,1791; fagi Fabricius,1798; disparella Schrank,1802; dormoyella Duponchel,1838; nolckenella Millière,1880

Range (as code): ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL TR Cc DK NO SE FI EE LV LT RU Sb MD UA BY 16 33 16A 33A 33Ac

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**216. *Epicallima icterinella* (Mann,1867) (Fig.59)**

Synonymy: icterinella Mann,1867

Range (as code): YU ME BG GR Rd TR IQ Shq 05 12 13 33 42 46 05A 13F 13F38 33A 33Ac 33Am 33Ao 33Ap

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 7♂. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 1♂. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**217. *Epicallima* sp.**

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

**218. *Holoscolia majorella* Rebel,1902 (Figs. 60, 61)**

Synonymy: majorella Rebel,1902

Range (as code): Rd TR 33 42 33A 33Ac 33Ao 42B

Remarks: Apparently, new record for the fauna of İçel Province. There are externally variable numerous specimens from the district. A closer examination is necessary for their precise identification. These specimens will be separately evaluated.

**219. *Pleurota* (s.str.) *eximia* Lederer,1861**

Synonymy: eximia Lederer,1861; galaticella Staudinger,1880

Range (as code): Cc TR ES 01 05 06 13 33 42 51 60 65 70 76 01E 01Ea 01L 01Le 01Lf 13F 13F7 13F71 33A 33Ac 33Am 33Ao 33R 33Rb 42H 51B 60H 60Hb 65A 65Ai 65Ac3 65N 65Np5 65Nm 70C 70Ce

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 4♂. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 2♀. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

**220. *Pleurota* sp.**

Material: 4♂♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. - 7♂1♀. S. Turkey, Anamur, Çiçekkyurdu 1620m (33Ae), 3.v.2018, 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

## Psychidae

**221. *Kalliesia ruya* Kemal & Koçak,2018**

Synonymy: ruya Kemal & Koçak,2018

Range (as code): TR 33 33A 33Af

Remarks: This species was described and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**222. *Penestoglossa* sp.**

Remarks: This species was previously listed, illustrated from Anamur and discussed by the authors (Kemal & Koçak, 2018).

## Pterolonchidae

**223. *Pterolonche* (s.str.) *albescens* Zeller,1847**

Synonymy: albescens Zeller,1847; albescentella Herrich-Schäffer,1855

- 46Dc** Range (as code): PT ES FR Co Sa Si IT MT HU RO YU BG GR TR LB BSa IL Pa 16 33 46 16A 33A 33Ac 46D  
 Material studied: 3♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).  
 Remarks: New record for the fauna of İçel Province.

## Pterophoridae

- 224. *Marasmarcha ehrenbergiana* (Zeller,1841)**

Synonymy: ehrenbergiana Zeller,1841; decolorum Caradja,1920  
 Range (as code): SY LB TR IR Ab Sdt Mmş Ak Khy Tbz Kd Bne Km Sqq Snj Lo Zj Qz KG RU o6 13 33 42 46  
 47 56 o6R 13A 13Af 13Ax 33A 33Am 33O 56F 56Fm  
 Material studied: 1♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14  
 vii.2018, M.Kemal & A.Koçak leg. (Cesa).  
 Remarks: New record for the fauna of İçel Province.

- 225. *Stenoptilodes taprobanes* (R.Felder & Rogenhofer,1875)**

Synonymy: taprobanes R.Felder & Rogenhofer,1875; brachymorpha Meyrick,1888; seiboldi Hofmann,1898;  
 crenulata Barnes & McDunnough,1913; phaenicodactyla Chrétien,1915; terlizzii Turati,1926; zavattarii Hartig,1953;  
 legrandi Bigot,1962.  
 Range (as code): TD SY LY SC NG ZA Nta Kzu Dbn PT ES FR Si IT MT BG GR Cr CY TR IR IL FI CN Kwt  
 Kwa MM JP TH Nst CMa IN LK US Hw MW 31 33 46 31M 33A  
 Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## Pyralidae

- 226. *Acrobasis legatea* (Haworth,[1811]) (Fig.64)**

Synonymy: legatea Haworth,[1811]; legatella Hübner,1796 nec [Den. & Schiff.],1775; legatalis Hübner,[1825];  
 naumannii Roesler,1969  
 Range (as code): TN Gf ES FR GB Co Si IT DE CH AT CZ SK HU RO YU GR Cr RU MD UA BY TR LB Bsa IL  
 Pa Hf o1 o5 13 16 31 33 42 44 46 58 o1K o5A 13F11 13F18 13F19 13F22 13F35 13F41 16A 31M 33A 33Am 44E 44Ei  
 Remarks: This record is new for the fauna of İçel Province.

- 227. *Aglossa signicostalis* Staudinger,1870**

Synonymy: signicostalis Staudinger,1870; nigripennis Turati,1919  
 Range (as code): IT HU RO MK BG SK GR IL Pa Hf TR o1 33 33A 33Ad  
 Remarks: This species was previously listed from Anamur as "Aglossa arcuatalis" by the  
 authors (Kemal & Koçak, 2018). This name is currently considered as valid of a subspecies,  
 inhabiting in East Mediterranean region. It has been evaluated from the molecular standpoint  
 (Kemal, Kızıldağ & Koçak, 2020c).

- 228. *Agriphila inquinatella* ([Denis & Schiffermüller],1775)**

Synonymy: inquinatella [Denis & Schiffermüller],1775; ? arbustella Schrank,1802; nevadensis Caradja,1910.  
 Range (as code): DZ Eba PT ES An Snv FR Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG  
 GR TR Cc DK NO SE FI EE LV LT RU Tt MD UA BY IR Ak Gor Elb Kdj NSS Plr Fa Shr JO IL Pa Hf o1 o3 o5 o6 16 31 33  
 35 42 44 46 56 58 65 76 o1E o1Ea o5A o6R o6Rd 16A 31M 33A 33Aj 33Ae 44I 44Ic 56F 56Fo 58N 65N 65Nc  
 Remarks: This species was previously listed and illustrated from Anamur by the authors  
 (Kemal & Koçak, 2018).

- 229. *Ancylolomia palpella* ([Denis & Schiffermüller],1775)**

Synonymy: palpella [Denis & Schiffermüller],1775; sovinskyi Krulikovsky,1909  
 Range (as code): DZ Lbs Cst PT ES FR IT BE AT SK HU RO YU AL BG GR CY RU MD UA BY IR Alb Kdj Ab  
 Oru Mak Ak Es Fa Shr Qz Gh Glz Gor Kh Ke Jrf Il Km By Mz Clu Th IQ Shq Amr Mos IL Pa Js LB TR Cc EG TM Kp KG  
 o5 o6 10 16 30 31 33 36 42 46 58 65 71 o5A 16A 30B 30Bt1 30Bz 31M 33A 33Ae 65A 65An 65D 65Df 65Dh 65N 65Nb  
 65Np8 65Nm  
 Remarks: This species was previously listed and illustrated from Anamur by the authors  
 (Kemal & Koçak, 2018).

- 230. *Antigastra catalaunalis* (Duponchel,1833)**

Synonymy: catalaunalis Duponchel,1833; venosalis Walker,[1866]; #sionensis Caradja,1929

Range (as code): US MA PT ES FR BE Co Sa Si IT MT GB CH CZ HU YU GR DK CY LB Bsa IQ Bgd Dia IR Fa Shr Elb Th Mz Kdj Ss Irs Ke Ana PK Gg Cls AF Srb Dwe Kab Gbh Hr Bkt TR YE Sk EG IL Hf Pa AE IN LK MY MM CN TW JP AU ZA NA CM ZR GM KE ML OM RW RE SA SC SO ZA TZ UG ZM ZW 01 07 13 16 31 33 46 72 80 13F 16A 31A 31K 31Ka 33A 33An 46G 46Gf

Material studied: 1♂. İçel Prov., Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

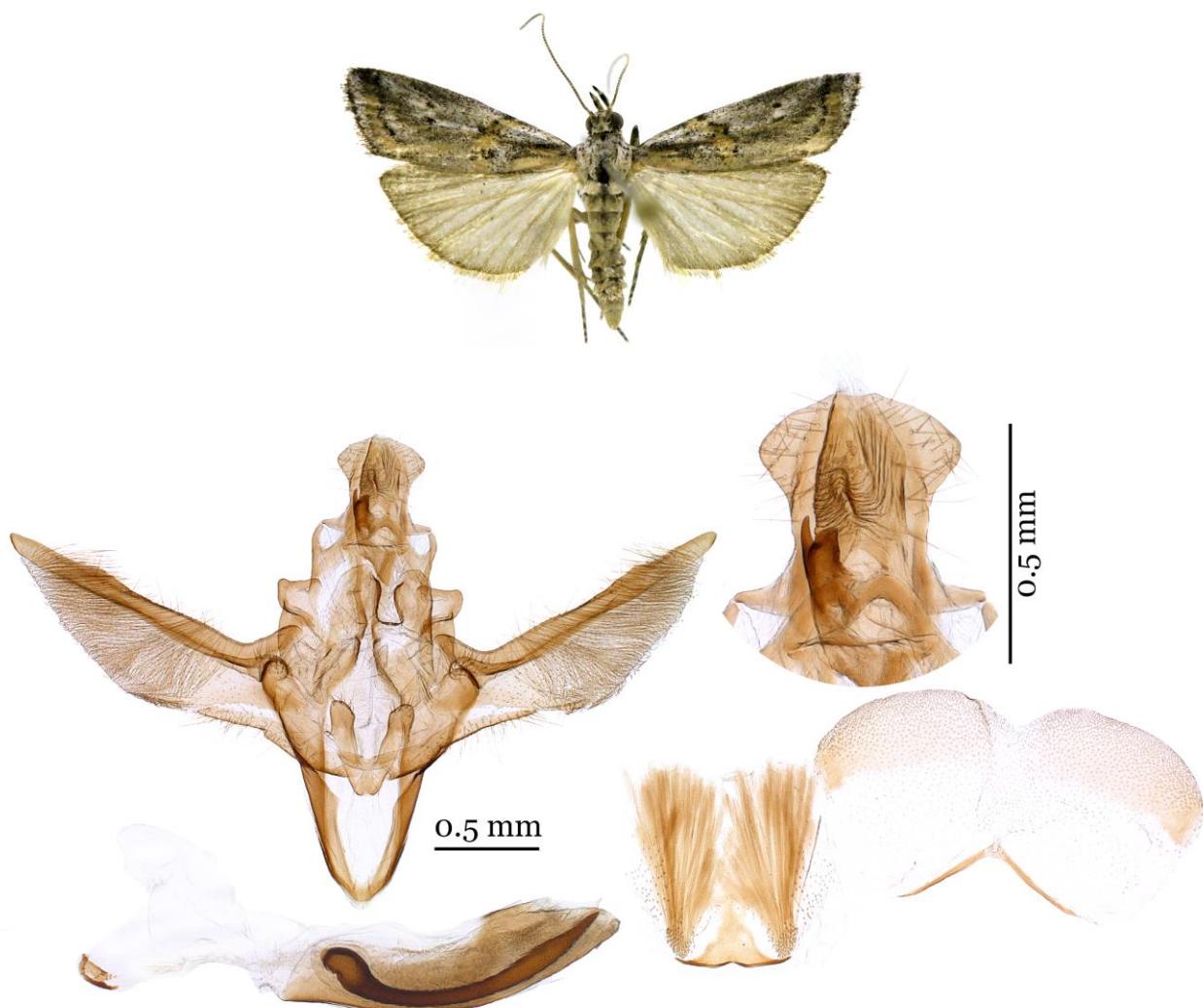
### 231. *Asalebria florella* (Mann,1862) (Figs. 22-24)

Synonymy: florella Mann,1862; chiclanensis Staudinger,1870; syriella Amsel,1954; joesti Amsel,1954; vartianae Roesler,1969

Range (as code): MA DZ TN Gf PT ES Grn Mu An Sa Co IT FR DE RU RO BG HV DI MK AL GR Kf Tyg TR LB Bsa TR SY Ltk IL Hf Pa Cr 06 09 13 16 31 42 46 65 13A 13Ab 13Ax 16A 31M 33A 33Ao 65D 65Dv 65F 65Fp 65Fz 65N 65Nc 65Ne4

Material studied: 1♂(GP3235). S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: The genitalia fits well to the illustration of the genitalia of the lectotype, given by Slamka (2019: 203, fig.67b). New to the fauna of İçel Province.



Figs. 22-24 - *Asalebria florella*. Upperside of male, its genitalia with enlarged uncus & gnathos and coremata. İçel Prov., Anamur, Korucuk W, M.Kemal (Cesa).

### 232. *Catoptria dimorphella* (Staudinger,1881)

Synonymy: dimorphellus Staudinger,1881; haywardi Rebel,1939; aetnella Zerny,1943; wolfi Ganev & Hacker,1984

Range (as code): ES Si GR Cr TR CY LB Bei IR Kdj 01 05 06 31 33 42 44 46 58 65 01D 05A 06D 31M 33A 33Ae 42B 44I 44Ic 58N 58Nc 65D 65Df

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**233. *Chrysocrambus craterellus* (Scopoli,1763)**

Synonymy: craterellus Scopoli,1763; rorella Linnaeus,1767; klimeschi Toll,1938; alpinus Bleszynski,1958; abruzzellus Bleszynski,1958.

Range (as code): DZ Cst Clo PT ES FR IT GB BE DE CH AT PL CZ SK HU RO YU AL BG GR RU Ur Us MD TR Cc Arr CY JO IR Kh Elb Kdj Ab Oru Fa Kaz Gl Shh Km By Yas Th Gor LB Bsa 01 05 06 10 13 14 16 22 33 36 37 38 39 40 46 48 50 58 65 69 71 76 01E 01Ea 05A 06R 06Rd 10K 10Ka 13F22 13G 13Gg 16A 33A 33Ae 33R 33Rb 65A 65An 65At 65Au 65B 65Bn 65Bn1 65D 65Df 65Dl 65Dlc 65Fz 65G 65Gf 65Gy 65L 65Le 65N 65Ne 65Np1 65Np2 65Nm

**234. *Cybalomia pentadalis* (Lederer,1855)**

Synonymy: pentadalis Lederer,1855

Range (as code): GR Cr CY TR Cc LB Bei TM Kp IR Ahz Fa Shr Th Kdj Kh IQ Kbl Bgd Bsr Amr JO IL Pa Js Hf PK Sd Krc 01 07 08 30 31 33 45 46 56 76 07B 07Bb 08H 08Ha 30B 30Bt1 30Bz 31H 31M 33A 33Ac 33Ak 33Am 33Ar 56F 76C

Material studied: 16♂♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 19.viii.2015, 4.vi.2019, M. Kemal & A.Koçak leg. - 2♂. Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. - 1♂ Anamur, Köşekbüyü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. - 1♀ (barcoded as Pyr 114-Cesa). Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**235. *Cynaeda (s.str.) gigantea* (Staudinger,1879)**

Synonymy: #gigantea Wocke,1871; gigantea Staudinger,1879

Range (as code): FR CH HU YU GR Cr TR IQ Hjo Ssa IR Fa Shr Com Sse Gl IL Pa LB Bsa AF Slg Pnj Pag Adr KG Uk 01 04 05 06 08 13 14 21 23 27 30 33 38 42 44 46 50 56 58 65 72 76 01L 01Le 01Lh 01Lk 04C 04Cf 05A 06K 06Kb 06R 06Rk 13A 13Ab 13Ax 13F 13F25 13F6 13F7 13F71 14B 14Bb 21L 21Lc 27D 27Db 30B 30Bc 30Bz 30D 30Df 33A 33Ae 38H 38He 44E 44Eh 50G 56F 56F1 56Fb 58G 65A 65Ac 65Ac3 65Am 65Am1 65D 65Df 65Dt 65Du 65Fz 65G 65Gb 65Gf 65Gy 65L 65Le 65N 65Np1 65Nr4 65Nm 76C 76D 76Da

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**236. *Denticera divisella* (Duponchel,1842)**

Synonymy: divisella Duponchel,1842; euphorbiella Zeller,1846; albircella Herrich-Schäffer,1849; sardzeella Amsel,1961.

Range (as code): MA DZ Ajj ES FR Sa Si IT MT YU BG GR TR IR IL Pa Hf IQ Rwz Dia Shq GM ZA Nta Kzu YE Ad PK Sd Krc LK 01 02 05 13 27 33 44 46 56 72 02F 02Fe 02Fz 05A 13F 13F01 13F35 13F42 27D 27Db 33A 33Aj 44I 44Ic 56F

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**237. *Dioryctria mendacella* (Staudinger,1859)**

Synonymy: mendacella Staudinger,1859; #mendecella Rebel,1939

Range (as code): PT ES FR Co Si IT MT YU GR TR CY IL Pa Hf 01 07 33 80 01H 33A 33Ac 33Ak 33Ar

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**238. *Dolicharthria bruguieralis* (Duponchel,1833)**

Synonymy: bruguieralis Duponchel,1833; coniotalis Hampson,1903; pseudobotys Rothschild,1913; similalis Rothschild,1915; bahrlutalis Amsel,1935; mauretanica D.Lucas,1949

Range (as code): DZ Rhr Clo Ah Omy Onç LY Cy EG MA TN PT ES FR Co Sa Si IT MT RO YU AL BG GR Cr Rd TR CY LB Bsa Bmm IL Pa Hf IQ Rwz Brs Ry Shq IR Fa Shr Sse Bu AF Pnj Kab Pli Ghb Srb Khi Adr Fz ZA 01 02 05 06 07 13 16 21 30 31 32 33 44 46 65 70 73 02F 02Fd 02Fz 05A 07B 13F 16A 21N 21Nh 30B 30Bc 30Bc1 30Bc2 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka5 31M 33A 33Ad 33Ae 33Aj 33An 33R 33Rb 44E 44Eh 44I 44Ic 44L 44Lc 65A 65Am 65Am1 65D 65Dlc 65Dh 65Du 65Dv 70C 70Ce 73A 73Ac2 73D 73Db

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**239. *Dolicharthria punctalis* ([Denis & Schiffermüller],1775)**

Synonymy: punctalis [Denis & Schiffermüller],1775; longipedalis Curtis,1830

Range (as code): TN Sfx Elk PT ES FR Co Sa Si IT GB NL DE CH AT CZ SK HU RO B-H Sjv HV YU AL BG GR Cr CY TR DK SE FI EE IR Elb Mz Th Kdj Kdv Fa Sse Ss Kh Gh Tgo Pa IL AF Anh 01 05 06 14 16 31 33 36 39 42 46 56

**58 61 65 71 01L 01Lh 01Lk 05A 16A 31M 33A 33Ac 36D 36Db 56F 58N 58Nc 61K 61Ka 65D 65Df 65Fz 65L 65Le 65N 65Nc 65Nc2 65Nc4 65Nf**

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**240. *Elegia feminina* Kemal, Kızıldağ & Koçak, 2020**

Synonymy: *feminina* Kemal, Kızıldağ & Koçak, 2020

Range (as code): TR 33 33A 33Ak

Remarks: The specimen collected from Anamur (Alaköprü) identified by the authors erroneously as “*fallax*”, due to its external similarities (Kemal & Koçak, 2018). However, it has been described as a new species a few weeks ago (Kemal, Kızıldağ, Koçak, 2020b).

Material studied: 2♂ (type series). S. Turkey, İçel Prov., Anamur, Alaköprü 105m (33Ak), 31 iii 2017, M.Kemal & A.Koçak leg. (Cesa).

**241. *Endotricha flammealis* ([Denis & Schiffermüller], 1775)**

Synonymy: *flammealis* [Denis & Schiffermüller], 1775; *adustalis* Turati, 1905; *lutealis* Turati, 1905; *carnealis* De Lattin, 1951

Range (as code): DZ Clo TN PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ IL Hf Pa CY LB Cc GG IR Fa Sse Com Shr Mz Th Kdj Gor Gh Tgo TM Kp DK SE RU MD UA BY KG 01 05 06 07 08 10 12 13 16 30 31 33 34 42 44 46 48 56 58 60 65 71 72 80 01L 01Lb 01Le 05A 06R 06Rb 07B 07Bb 08H 08Hc 10K 10Ka 12E 12Eb 12Ec 12Ed 13G 13Gf 13F 16A 30B 30Bc 30Bz 30D 30Df 30Dx 31K 31Ka 31Ka3 31M 33A 33Ac 33Ae 33Am 33Ao 42B 42B 44I 44Ic 48D 56F 56Fa 56F1 60G 65A 65D 65Dv 65Dt 65Du 65Dv 65F 65Fg

**242. *Epischnia* sp.**

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**243. *Etiella zinckenella* (Treitschke, 1832)**

Synonymy: *marginella* Fabricius, 1781 nec Den. & Schiff., 1775; *zinckenella* Treitschke, 1832; *etiella* Treitschke, 1835; *majorellus* Costa, 1836; *colonellus* Costa, 1836; *dymnusalis* Walker, 1859; *heraldella* Guenée, 1862; *anticalis* Walker, 1863; *indicatalis* Walker, 1863; *hastiferella* Walker, 1866; *decipiens* Staudinger, 1870; *spartiella* Rondani, 1876; *sabulinus* Butler, 1879; *madagascariensis* Saalmüller, 1880; *schisticolor* Zeller, 1881; *villosella* Hulst, 1887; *rubribasella* Hulst, 1890; #*tiella* Pinhey, 1975.

Range (as code): PT ES FR Co Sa Si IT MT GB NL LU DE CH AT CZ SK HU RO YU AL BG GR TR DK RU MD UA BY IL JO LB IQ IR YE Sk CY EG KK Ax MG AF PK IN LK BT NP TH MM LA VN MY Bor ID Sum Ja AU CN Hn TW JP US CA CU PR EC GS PH PG SB NC WS DZ MA NA TN LY EG GW LB SL GA CM NG NE Gg Cls GM CF SD ET ER DJ SO KE UG YE TZ ZW RW BI MW AO NM SZ LS MG MZ ZA Tva Nta Gau Tva Lpo Spb Mdk BW SC ZR ZM TD WS FJ Pa Hf TH CMA Cmz Cz10 Cz11 ID Sum Sbh AE Fa Shr Com Se Ha Th Elb Kuh Ss Kdj 01 05 06 09 13 16 17 30 31 33 39 44 46 58 65 71 76 80 01L 01Le 01Lf 01Lk 05A 09K 09Ka 13A 13Ab 13Ax 13F 16A 30B 30Bc 30Bz 31M 33A 33Ac 33Ae 44E 44Ei 44L 44Lc 65N 65Nc2 65Np 65Np5 65Nm 76A 76Ac 76B 76Bb

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**244. *Euchromius bellus* (Hübner, 1796)**

Synonymy: *bella* Hübner, 1796; *bellalis* Hübner, [1825].

Range (as code): MA Ifr DZ Bsk ES An Mu FR Sa Si IT SK HU RO MK B-H ME YU BG GR Cr TR RU Cc MD UA Cm BY IQ Rzw Dia Brs Ama IR Ak Bk Fa Shr Qz Km Kd Snj Th Zj IL Pa JO Amm LB Bei EG TJ PK Bl Chm 01 05 06 12 13 16 17 21 26 29 30 31 33 35 39 42 44 46 58 59 65 71 76 80 05A 12A 12Ab 13F 16A 16E 30D 30Df 31O 31M 33A 33Ac 33Ao 33Am 58N 58Nc 65A 65Am 65Am3 65D 65Df 65Dv 76C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 1♂. Anamur, Ovabaşı 2km W 100m (33Am), 6. vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**245. *Euchromius pulverosus* (Christoph, 1887)**

Synonymy: *pulverosa* Christoph, 1887; *cochlearella* Amsel, 1949

Range (as code): Cc Nv Ord AZ TR IQ Ry IR Elb Kdv Kdj Th Es By Yas NSS Sse Shr Dam SY IL Pa Js LB Bsa Bei 01 06 08 13 21 23 30 33 36 42 44 46 51 56 65 73 76 06R 13F 13F18 13F25a 13F38 13F41 13F7 13F71 21N 21Nb 30B 30Bc 30Bz 30Bt1 30Bz 33A 33Am 36D 51Db 56F 56F1 65D 65Dv 65Dt 65Du 73A 73Ad1 76D 76Da

Material studied: 1♂ 1♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**246. *Euzopherodes lutisignella* (Mann,1869)**

Synonymy: lutisignella Mann,1869; leonhardi Rebel,1910; scipionella Turati,1924; battella Turati,1924.

Range (as code): Si RO RU YU B-H HV AL BG MK GR Cr LY Cy TR IL Hf Jer Pa LB Bei JO IQ Rwz IR Elb Th Kj Fa AF Pag Kbb Slg Ce AM UZ Smk TM Kp 02 13 21 23 30 31 33 35 38 42 44 46 47 56 65 02F 02Fe 02Fz 13F 30B 30Bt1 30Bz 30D 30Df 31M 33A 33Ad 33Ae 33Ak 42B 42J 44E 44Ei 47D 47Dc 56F 56Fg 65D 65Dt

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**247. *Evergestis serratalis* (Staudinger,1870)**

Synonymy: serratalis Staudinger,1870

Range (as code): Si? MK Och GR TR Cm 01 06 30 33 71 01E 01Ea 30B 30Bt1 30Bz 33A 33Ae

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**248. *Glaucocharis euchromiella* (Ragonot,1895)**

Synonymy: euchromiella Ragonot,1895; sinualis Hampson,1900; rebeli Osthelder,1942

Range (as code): GR Cr TR Cc AM IR Th Elb 01 13 30 31 33 46 56 65 76 01L 01Lb 13A 13Ac 13Ac2 13Ax 13F 13F18 13F25a 13F25 13F35 30B 30Bc2 30Bt1 30Bz 30D 30Df 31M 33A 33Ad 33Ae 56F 65A 65Ai 65D 65Df 65Dv 65Du 65Fz 65K 65Kb 65Kl6 65Z 65L 76D 76Dd

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**249. *Hellula undalis* (Fabricius,1781)**

Synonymy: undalis Fabricius,1781; lunulalis Costa,1836; alconalis Walker,1859; exemptalis Walker,[1866]; geyri Rothschild,1915; occidentalis De Joannis,1930; reniculus Pajni & Rose,1977

Range (as code): TN Sfx PT ES FR Co Sa Si IT MT GB LU DE CH AT SK RO YU GR Cr YE IL Pa TR Sk IR Enz Qz Fa Bu Shr Sse Ss Irs Ana Ke Th Kdj Lgr Km CY LB Bei TM Kp JO IQ Bgd EG AF Hr Bmu Srb Ghb Dwe Bsg Bkt Kot PK Sd Krc Hw US SH IN LK CN PH Luz TW JP AE Cp Hf TH Ce GG Sok MY Bor BN Swk Sbh CV Md Cn AU QAu Bri Bth NSW Aby Gtn DZ Clo Bsk Gf RU Da Cc 01 13 16 30 31 33 46 65 73 80 13F 13F25a 16A 30D 30Df 31A 31D 31G 31K 31Ka 31Ka1 31M 33A 33Ao 65A 65Am 65N 65Nc2 65Nc4 73A 73Ad 73Ad2

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

**250. *Herpetogramma licarsialis* (Walker,1859)**

Synonymy: licarsialis Walker,1859; pharaxalis Walker,1859; immundalis Walker,[1866]; fumidalis Walker,[1866]; serotinalis De Joannis,1888; #licarsialis Rebel,1939

Range (as code): Cn TR CY IL Pa Hf LB Bei EG EG11 IQ Bsr SD YE IR Fa Ahz Ss Irs Bmp AF Srb PK Sd Krc AE TW LK CN JP MY Bor Swk Ja ID MH FJ ZA WS TO SB PG AU IN TH PH Luz CM ZR ET RE MG ML SL SD TG ZW ML 01 08 31 33 56 08H 08Hc 31K 31Ka 33A 33An 56F 56Fö

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**251. *Hyperlais argillacealis* (Zeller,1847)**

Synonymy: argillacealis Zeller,1847

Range (as code): Si YU GR Cr TR 33 33A 33Ak 33An 33Ap

Material studied: 2♂. İçel Prov., Anamur, Kösekülü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. – 1♂. Anamur, Uçarı 1.8km SE 430m (33Ap), 7.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**252. *Hypsopygia costalis* (Fabricius,1775)**

Synonymy: costalis Fabricius,1775; fimbrialis [Denis & Schiffermüller],1775; purpurana Thunberg,1784; hyllalis Walker,1859; rubrocilialis Staudinger,1870; #lugens Rebel,1903; syriaca Zerny,1914; lugens Caradja,1917.

Range (as code): DZ Orn PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR CY TR Cc DK NO SE FI EE LV LT RU MD UA BY IR Ab Sro Th Elb Mz Gls IL Hf Pa EG TM Kp UZ Fe PK IQ Shq Dia KG Tk Tks Nrk CN Ui 01 06 09 13 16 27 30 31 33 36 38 39 46 56 65 73 75 76 09K 09Ka 13A 13Aa 13B 13Ba 13F 16A 27C 27Cd 30B 30Bc1 30Bz 30D 30Df 30Dx 31M 33A 33Ac 36D 36Db 65A 65An 65D 65Dh 65Du 65Dv 65F 65Fr 65L 65Lb 73A 73Ad 73Ad2 75F 75Fb

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**253. *Hypsotropa paucipunctella* Ragonot,1895**

Synonymy: paucipunctella Ragonot,1895

Range (as code): TR 31 33 46 31M 33A 33Ae

**254. *Isauria dilucidella* (Duponchel,1836)**

Synonymy: dilucidella Duponchel,1836; ilignella Zeller,1839; laternella Eversmann,1844; crepusculella Lederer,1870; incredibilis Staudinger,1879; subsoritella Ragonot,1887; satanella Ragonot,1887; odontella Ragonot,1893; ledereri Ragonot,1893; cuencella Caradja,1916; gabalitella Chrétien,1931; grisescens Lucas,1950; parvella Amsel,1951; shahidanella Amsel,1970

Range (as code): DZ Bsk ES Cue FR Sa Si IT DE CH AT PL CZ SK HU RO YU BG GR TR RU Ur MD UA BY IQ Hjo LB Bsa IL Pa TM Kp IR Fa Th Kdj Shh Plr Mz Elb Dam Kz Com AF Sfk KG MN Cc AM GG Smt Akh AE 02 05 06 10 13 16 23 25 27 30 31 32 33 38 42 46 47 50 53 58 65 71 02F 02Fe 02Fz 05A 10K 10Ka 13A 13Ab 13Ax 13F 13F20 13F35 13F38 13F40 16A 23I 23Ib 27D 27Da 30D 30Df 31K 31Ka 31Ka7 33A 33Ae 47D 65A 65Ab 65Aba 65Ai 65C 65Cb 65D 65Du 65L 65Le

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: The present record is new for the fauna of İçel Province.

**255. *Lamoria* sp.**

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14 vii.2018, M.Kemal & A.Koçak leg. - 3♀. Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

**256. *Loryma egregialis* (Herrich-Schäffer,1838)**

Synonymy: egregialis Herrich-Schäffer,1838; medusalis Milliere,1872; algerialis Hampson,1900

Range (as code): DZ Bsk Onç Eal Ges TN Sfx PT ES Mu FR Co Sa Si IT MT YU BG GR Rd Cr TR LB Bsa IL Hf Pa CY 01 06 22 33 35 06R 33A 33Ac 33R 33Rb

**257. *Mecyna* aff. *lutealis* (Duponchel,1833)**

Remarks: Occurrence of *Mecyna lutealis* in Turkey is considered by some authors doubtful (Slamka,2013; Slamka & Plant, 2016). The male genitalia and the cornuti in the aedeagus show that the Anamur population belongs to neither *Mecyna balcanica* nor *Mecyna flavalis*. But there are some similarities to *lutealis*. The identification process based on the morphology and the genetic distances among the related species are still ongoing. The results will be separately evaluated and published. On the other hand, the genitalia illustrated in the lepiforum<sup>2</sup> does not belong to *Mecyna lutealis*, but *Udea*.

**258. *Mecyna trinalis* ([Denis & Schiffermüller],1775)**

Synonymy: trinalis [Denis & Schiffermüller],1775; andalusica Staudinger,1879; tripunctalis Oberthür,1887; anienalis Hartig,1941; joannensis Marion,1955; maroccanensis Amsel,1956

Range (as code): MA Rf DZ Lbs Anna Agi ES Mu FR Si IT AT CZ SK HU RO YU AL BG GR TR Cc IQ Hjo Mos IR Elb Kdv Plr Mz Gor Ha Adv UA Cc GG Bjo MN 01 05 06 08 13 23 29 30 33 44 46 56 61 65 73 76 01L 01Le 05A 06R 06Rb 08H 08Hc 13F 13F6 13F71 30B 30Bc 30Bt1 30Bz 33A 33Ae 44L 44Lc 56F 56Fs 56Fs1 65A 65Ac 65Ac3 65Ai 65At 65At5 65B 65Bo 65Bx 65D 65Df 65Dh 65Dt 65G 65Gb 65K 65Kd 65Ké 65Kg 65N 65Np2 65Nm 73A 73Ad 73Ad1 76C 76D 76Dd

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: The identity of this species is temporary. *Mecyna* species in Taurus need closer examination both in their genital morphology and in the genetic distances of the populations.

**259. *Merulempista amoenella* (Zeller,1848)**

Synonymy: amoenella Zeller,1848; erberi Mann,1867; johannella Caradja,1916; jordana Amsel,1935

Range (as code): IT HV RO YU AL MK GR Rd TR Arr Cc AM Cm JO IL Pa IR Glz Uı Ku Ga AF TM TJ KG Ao At MN UZ 01 09 13 24 30 33 36 39 56 65 73 76 01K 09K 13F 24L 30B 30Bc 30Bt1 30Bz 33A 33Ae 36D 36Db 56F 56F1 65A 65Ai 65D 65Dlc 73A 73Ad 73Ad2

**260. *Metaeuchromius latoides* Schouten,1997**

Synonymy: latoides Schouten,1997

Range (as code): TR 33 50 33A 33Ac 33An

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

<sup>2</sup> [http://www.lepiforum.de/lepiwiki.pl?Mecyna\\_Lutealis](http://www.lepiforum.de/lepiwiki.pl?Mecyna_Lutealis) [access on 18 March 2020]

**261. *Metasia parvalis* Caradja, 1916 (Fig.65)**Synonymy: *parvalis* Caradja, 1916

Range (as code): TR CY 01 33 46 01K 33A 33Ac 33Ao 46G

Remarks: This species was originally described by Caradja from "Hadjin" [Adana Prov., Saimbeyli], and "Marasch" [Kahramanmaraş]. Slamka described a distinct subspecies of it from Cyprus. For confirmation of this subspecies, the genetic distance between Cyprus and Anamur populations is needed.

Material studied: 10♂♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 15♂♀. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

**262. *Metasia suppandalis* (Hübner, [1823])**Synonymy: *suppandalis* Hübner, [1823]

Range (as code): DZ Btma Bsk TN Gf PT ES Mu FR Cr Si RO YU AL BG GR Cc CY IQ Hjo IR Elb Th Kdj Sse Fa Com Gl 05 06 16 17 33 34 35 42 45 58 65 71 76 05A 06R 16A 33A 33Ac 33Ae 65B 65Bo 65Bx 65D 65Df 65G 65Gb 65Kd 65Kg 65L 65Le 65N 65Np2 65Nm 76C 76D 76Da

Material studied: 4♂♀. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 15.vii.2018, M.Kemal & A.Koçak leg. - 9♂. Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**263. *Myelois (Gnathogutta) ossicolor* Ragonot, 1893**Synonymy: *oscolor* Ragonot, 1893

Range (as code): CY TR IL Pa IR Elb Tsg Lgr 13 21 30 31 33 46 47 65 13F 13F35 13F38 13F7 13F71 21N 21Nb 30D 30Df 31F 31M 33A 33Ac 46D 46Dc 46G 47D 65K 65Kl6 65Z

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**264. *Myelois* sp.**

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

**265. *Myrlaea albistrigata* (Staudinger, 1881)**Synonymy: *albistrigata* Staudinger, 1881

Range (as code): TR Cc LB Bsa IR Elb Mz Kdv Plr Shh IQ Ry Hjo AF Pag 05 06 13 30 33 38 42 46 47 56 58 65 71 76 05A 13A 13Ab 13Ac 13Ac2 13Ax 13F 13F38 13F6 13F7 13F71 30B 30Bc1 30Bt1 30Bz 33A 33Ae 38Ca 42B 56F 56F1 56Fs 56Fs1 58G 65A 65Ac 65Ac3 65Ai 65B 65Bo 65Bx 65D 65Dh 65Dt 65F 65Fp 65Fz 65G 65Gb 65K 65Kl6 65Z 65N 65Np2 65Nm 76C

**266. *Myrlaea insignella* (Mann, 1862)**Synonymy: *insignella* Mann, 1862

Range (as code): RO HV ?BG TR LB 05 06 13 16 23 30 33 35 46 65 73 05A 05E 06R 13F 16A 23M 30D 30Df 33A 33Ac 35B 73A 73Ad 73Ad2

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

**267. *Nomophila noctuella* ([Denis & Schiffermüller], 1775)**

Synonymy: *noctuella* [Denis & Schiffermüller], 1775; *hybridalis* Hübner, 1796; *incertalis* Hübner, [1825]; *indistinctalis* Walker, 1859

Range (as code): Cn Md MA Rbt DZ Bsa Btma Bsk Sfr Cst TN Sfx LY Cy Elk PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO SS B-H HV MK YU AL BG GR Cr CY TR IQ Bgd Dia Shq Amr Kro Bji IR Ahz Ab Elb Dam Plr Mz Enz JO Amm LB Bsa Bei AF Hr Bmu Anj Gz Jla Kot SA SA50 SA74 KE Elg Nai SD SD07 SN GM CG TZ MW Mje AO ZW MZ DK NO SE FI EE LV LT RU MD UA BY PH TW AE Cp Haz Abb C-P Cte ID IN ZA Ans Bf Est Nta Kzu LS Tra Gau Pre Umk Wri RE KM MG MU Sro Qba Gea Bsk Onç Ceg Heh Ogl Gle Omy Gtt Ah Ajj Ges Rhr İi Uİ Ku Njr Mer Har Nam SD95 EG EG07 EG11 EG31 EG33 EG34 EG35 ET ET08 ET70 ET87 ET263 SY Hal IL Pa Js Hf YE Sna BH PK Mre Krc UZ Smk Br Rw Bl Lag Ax Dlh Hp Cp Drm Ca Ass Khs Pj Nl Nag Nnt Poo Pus Sml NP SI MM LK CN Mc Ti Hun Pkn Yu Lik Kgs Sz Ome Stg T-T KP KR JP Hkk Hw AO BW TD ZR DJ ET GM KE MG MW MR MU MZ NA NE SN SC SD TZ ZW 01 05 06 08 11 13 14 16 17 21 30 31 32 33 34 35 37 38 39 44 46 48 49 53 55 56 58 60 63 65 71 72 73 76 80 01E 01Ea 01L 01Le 01Lf 05A 06R 08H 08Ha 13A 13Aa 13Ab 13Ac 13Ac2 13Ac3 13Ax 13B 13Ba 13F 13F22 13F6 13G 13G1 13Gö 13Gğ 13Gw 13Gs 16A 21N 21Nb 21Nc 30B 30Bc1 30Bz 30Br 30D 30Df 31A 31M 33A 33Ac

33Ad 33Ae 33Aj 33Am 33Ao 33Ar 33Rb 44E 44Ei 44L 44Lc 48L 49F 49Fb 49Ff 55F 56D 56Dc 56F 56Fo 58G 60G 63B 63Ba 63D 65A 65Ai 65An 65Am1 65Am2 65Am3 65Ab 65Aba 65D 65Da 65Dd 65Dda 65Df 65Dh 65Dg 65Dl 65Dlc 65Dr 65Dt 65Du 65Dv 65E 65Eb 65Ec 65Eç 65Ed 65F 65Fb 65Fc 65Fd 65Fp 65Fw 65Fz 65G 65Gb 65Gf 65Gn 65Gy 65K 65Kb 65Kç 65Kl 65Kl1 65Kl6 65Z 65Ku 65Ky 65Ky1 65L 65Lb 65Le 65M 65Mc 65Md 65N 65Nc 65Nc2 65Nc4 65Nk 65Np 65Np1 65Np2 65Nr8 65Nm 73A 73Aç 73Aç2 73D 73Db 73Df 73Dfb 73Dfc 76B 76Bç 76D 76Da 80B 80Bç 80E 80Ea

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### 268. *Ostrinia nubilalis* (Hübner, 1796)

Synonymy: *nubilalis* Hübner, 1796; *silacealis* Hübner, 1796; *glabralis* Haworth, 1803; *appositalis* Lederer, 1858; *#paulalis* Fuchs, 1900; *funeralis* Zerny, 1914; *rubescens* Krulikovsky, 1928; *mauretanica* Mutuura & Munroe, 1970; *persica* Mutuura & Munroe, 1970

Range (as code): MA DZ Orn Sbd PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO HV SS B-H AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA Cm BY KG Tk Dj Ii AF Srb Bsg UZ Fe PK K-P CY SY Dms IR Elb Gh Tgo CA On Nfl Qb Mnt CN Ui Ku US Pns Msc Vr Nj Mch Ny Mis Idp MSS Vi EG JP GU 01 05 07 13 16 31 32 33 46 53 58 65 80 05A 13F 16A 31A 31H 31K 31Ka 33A 33An 46G 46Gf

Material studied: 1♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. - 1♂. Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

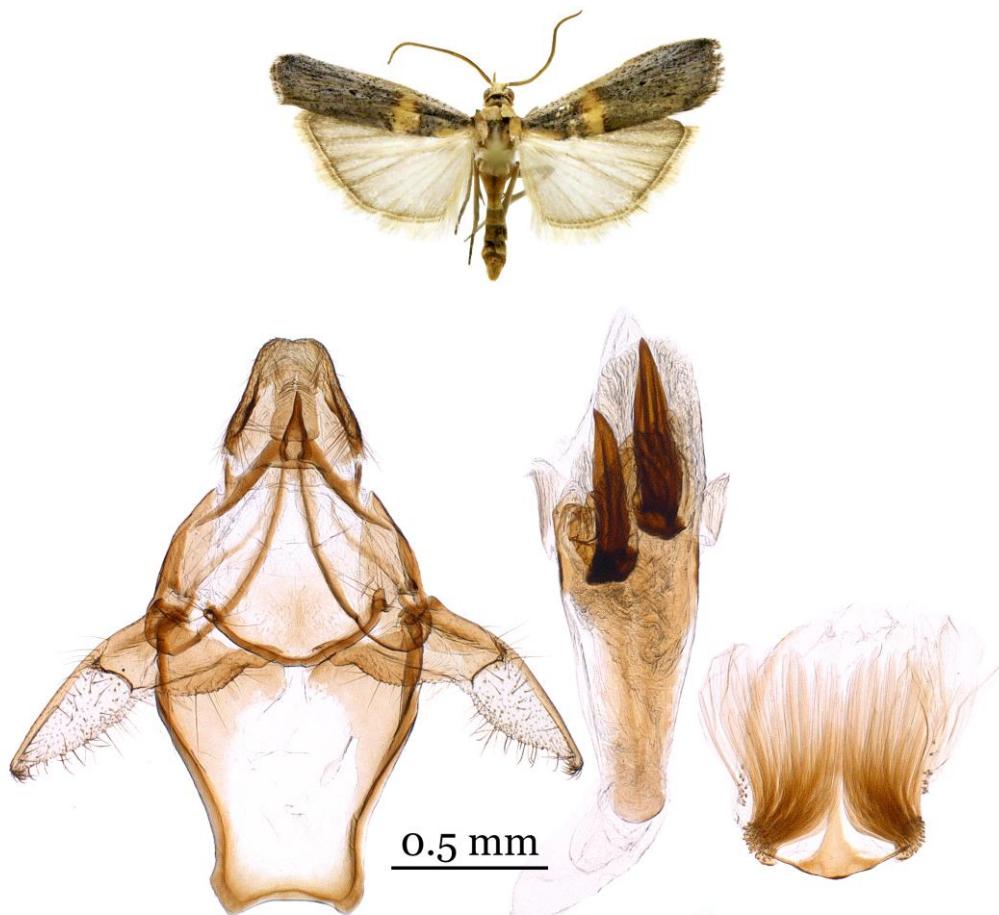
### 269. *Oxybia transversella* (Duponchel, 1836) (Figs. 25-27)

Synonymy: *transversella* Duponchel, 1836; *bituminella* Millière, 1870; *panormitanella* Caradja, 1928

Range (as code): Cn PT ES FR Co Sa Si IT MT AT RO YU BG GR TR IL Pa Hf RU MD UA BY ZA 05 09 16 31 33 42 46 05A 16A 31M 33A 33Ae

Material studied: 1♂ (GP3224). S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.



Figs. 25-27 - *Oxybia transversella*. Upperside of male. Male genitalia and culcita (GP3224). İçel Prov., Anamur, Çiçekyurdu 1620m. M.Kemal (Cesa)

**270. *Palpita vitrealis* (Rossi,1794)**

Synonymy: vitrealis Rossi,1794; unionalis Hübner,1796; quinquepunctalis Boisduval,1833; transvisalis Guenée,1854; suralis Lederer,1863; septempunctalis Mabille,1880

Range (as code): LS Md MA Cn DZ Orn TN Sfx PT ES FR Co Sa Si IT MT IE GB BE NL DE Bw Bv CH AT PL CZ SK HU RO YU HV BG GR Cr CV TR SE CY YE IL Pa Hf JO LB Bsa EG AF Bsg Bkt PK RW AU ZA AO ZR ET GM GH KE RE MG MW MU NG SC SL TZ UG ZM ZW ML 01 16 17 31 33 34 46 48 80 16A 31K 31Ka3 31Ka6 31Ka7 33A 33Ac 33Am 33An 33Ao 48G

Material studied: 2♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14.vii.2018, M.Kemal & A.Koçak leg. - 2♂. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**271. *Patania balteata* (Fabricius,1798)**

Synonymy: balteata Fabricius,1798; crocealis Duponchel,1834; mysolalis Walker,[1866]; accipitralis Walker,[1866]; aurea Butler,1879; fraterna Moore,1886; evergestialis Strand,1918; africalis Leraut,2005

Range (as code): ES FR Si IT CH YU HV BG AL RO GR Cr TR Cc GG Lag IL Pa UA RU IN Mys LK CN TW KP JP TH AU QAu NSW Hw MG RE CI ZA PG ML BJ CM KM CG ZR GA GH MZ NE NG SN SL SD ZM 01 08 16 31 33 46 08H 08Ha 16A 31K 31Ka 31Ka7 31M 33A 33Ac

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**272. *Pediasia matricella* (Treitschke,1832)**

Synonymy: matricella Treitschke,1832; obscura Caradja,1931; stenopterella Amsel,1949

Range (as code): IT AT HU RO YU MK Och BG GR TR RU MD UA Cm BY KG JO IL IQ Mos TM IR Ar Ab Mak Glz Gor Kh Msh Lo Km 01 05 06 13 23 30 33 42 46 50 58 65 71 05A 13F 13F25 23C 30Bt1 30Bz 33A 33Af 33R 33Rb 58N 58Nb2 65A 65Am 65Am4 65F 65Fm 65N 65Ne 65Ne4 65Np1 65Nm

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**273. *Pempelia alpigenella* (Duponchel,1836)**

Synonymy: alpigenella Duponchel,1836; wagnerella Freyer,1845

Range (as code): FR IT HV IT Si SK Cm RO YU MK Och AL BG GR TR Cc HU RU Sr MD UA IR Fa Com Sse Kdj Elb Mz Kdv 01 05 06 25 33 42 44 46 65 70 76 01L 01Le 05A 06K 06Kb 25N 25Na 33A 42B 44L 44Lc 65A 65Ac 65Ac3 65Ab 65Aba 65D 65Dt 65Du 65F1 65Fz 65G 65Gü 65Gz 70C 70Ce

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**274. *Peoria semirosellula* (Ragonot,1887) (Figs. 28-30, 67)**

Synonymy: semirosellula Ragonot,1887

Range (as code): HV GR Cr LB Bei IR IL Pa TR 33 33A 33Ac 33Am 33Ap

Material studied: 3♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. - 9♂ from same place, 6.vi.2019, M.Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 1♂. Anamur, Uçarı 1.8km SE 430m (33Ap), 7.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: The identity of this species is based on the genital morphology illustrated by Amsel (1983). The species is currently placed in the genus *Peoria* (Leraut,2014). It is new for the fauna of İçel Province.

**275. *Phlyctaenomorpha sinuosalis* (Le Cerf,[1910])**

Synonymy: sinuosalis Le Cerf,[1910]; platyphaea Meyrick,1937.

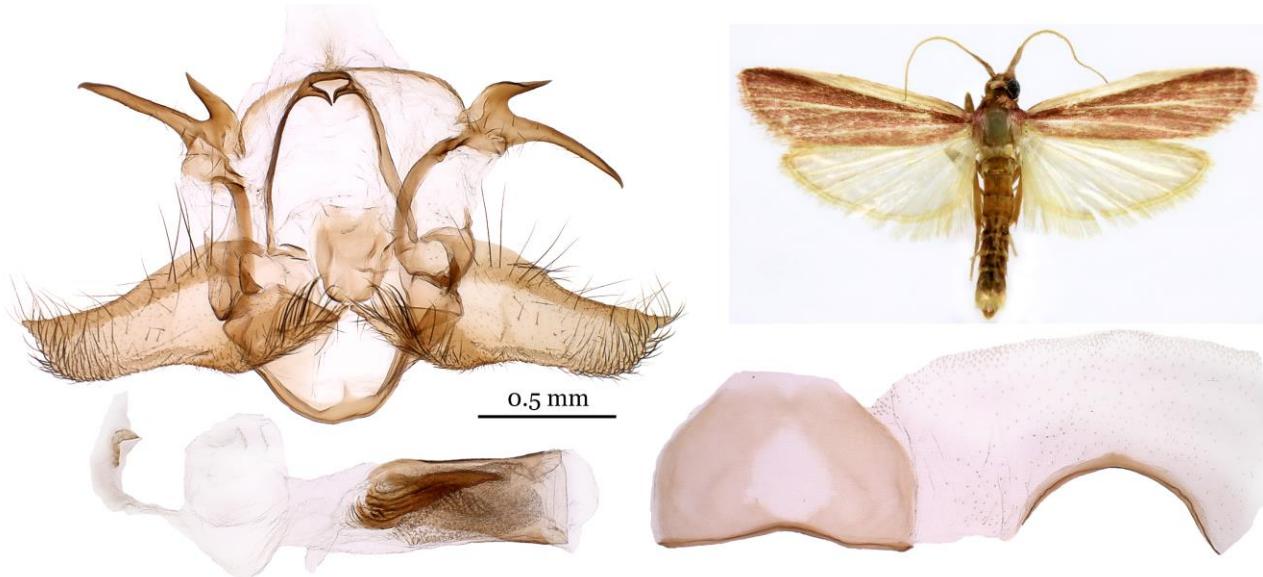
Range (as code): IQ Ama Dk Hjo Ry IR Fa Com Sse TR Kal Ae 07 13 30 33 56 65 73 13F 13F7 13F71 30B 30Bc1 30Bc2 30Bt1 30Bz 30Bd 30C 30Cd 30D 30Df 30Dp 30Dx 33A 33Ae 33Aj 33Ak 56F 56F1 56Fm 56Fs 56Fs1 65A 65Ac 65Ac3 65Ai 65Am 65Am3 65Am4 65D 65Dd 65Df 65Dh 65Du 65Dv 65Dt 65F 65Fg 65Fm 65Fp 65Fz 73A 73Ad 73Ad2 73D 73Df

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**276. *Pima boisduvaliella* (Guenée,1845)**

Synonymy: boisduvaliella Guenée,1845; farrella J.Curtis,1850; lafauryiella Constant,1865

Range (as code): DZ Ges PT ES FR IT GB BE NL DE CH PL HU RO TR Cc KK Ku Al CN Ui TM Kp DK NO SE FI EE LV LT RU MD UA BY 06 14 17 33 42 46 50 58 65 71 76 33A 33Ae 42B 58G 65D 65Du 65Dv 65Dh 65N 65Np1 65Nm 76C



**Figs. 28-30 - *Peoria semirosellae*.** Male genitalia (GP3142), terminal abdominal segment and upperside of the male. İçel Prov., Anamur, Ovabaşı. M. Kemal (Cesa).

**277. *Pima leucoloma* (Herrich-Schäffer,[1849])**

Synonymy: leucoloma Herrich-Schäffer,[1849]

Range (as code): TN ES Grn IT HV GR TR RU CY SY Dms LB Bei AM Cc EG Cm 16 33 42 45 46 16A 33A 33Ae 46L

Remarks: New record for the fauna of İçel Province.

**278. *Polyocha venosa* (Zeller,1847)**

Synonymy: venosa Zeller,1847

Range (as code): GR TR IL Pa Hf LB CY 01 31 33 35 46 48 56 31M 33A 33Ac 33An 33R 33Rb 56F 56Fb

Material studied: 1♂. İçel Prov., Anamur, Köşekbüükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

**279. *Prochoristis rupicapralis* (Lederer,1855)**

Synonymy: rupicapralis Lederer,1855

Range (as code): IL Pa Hf CY LB Bei TM Kp AF Hr TR IQ Mos Kbl Rzw SY IR Fa Shr Ss Sse Mia AE 05 33 36? 05A 33A 33Am 36D? 36Db?

Remarks: This species will be separately studied.

**280. *Pyralis kacheticalis* (Christoph,1893)**

Synonymy: kacheticalis Christoph,1893; imperialis Caradja,1916

Range (as code): Cc Da RU GG AZ AM UA Cm TR TM Kp IR Fa Sse Ss Th Elb Kdj IQ Brs Ssa 01 05 06 07 12 13 21 30 31 33 44 56 65 72 73 01H 01L 01Lf 01Lh 07B 07Bb 12E 12Ec 12Ed 13F 13F01 13F02 13F18 13F25 13F25a 13F29 13F35 13F38 13F41 13F7 13F71 13F8 21N 21Nb 30B 30Bc 30Bz 30D 30Df 31K 31Ka 31Ka6 33A 33Ad 33An 44E 44Ei 44I 44Ic 56F 56Fb 56Fö 65A 65Ai 65D 65Dl 65Dlc 65Du 65Dv 73A 73Aç2

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**281. *Pyrausta aurata* (Scopoli,1763)**

Synonymy: aurata Scopoli,1763; punicealis [Denis & Schiffermüller],1775; niepoldalis Lederer,1863; meridionalis Staudinger,1880 nec Wcke,1871; deficiens Dufrane,1957; inciae Koçak,1982

Range (as code): Cn MA DZ TN PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr LB Bsa IL Pa CY TR IR Fa Yz Elb Kdj Th Ana Ke Ab Sro Enz Gh Kh Tgo Glz IQ Dia Rzw Shq DK NO SE FI EE LV LT RU MD UA BY AF Srb Pli Arh Hr Kot Fz Khi Kab Dwe Cc GG Bjo Mng Nv Ord Hkd Len Sok AZ Agi 01 05 06 13 14 16 23 30 31 33 42 44 56 65 69 71 72 76 01L 01Lf 05A 06R 06Rd 13A 13Ab 13Ax 13C 13Cc 13Cd 13F 13F25 13F7 13F71 13G 13Gf 13Gg 13Gw 13Gü 16A 30B 30Bc 30Bz 30D 30Df 30Dx 31K 31Ka 31M 33A 33Ac 33R 33Rb 44E 44Ei 44F 44Fb 44I 44Ic 56F 56Fb 65A 65Ag 65Ai 65Am 65Am2 65At 65At5 65G 65Go 65F 65Fp 65Fz 65K 65Kl6 65Z 69B 69Bc 76Dd

**282. *Pyrausta despicata* (Scopoli,1763)**

Synonymy:despicata Scopoli,1763; koenigiana O.F.Müller,1764; vestianella Clerk,1764; cespitalis [Denis & Schiffermüller],1775; sordialis Thunberg,1784; intermedialis Duponchel,1833; tendinosalis Bremer,1874; yangtsealis Caradja,1938; ifranalis Leraut,2001

Range (as code): MA Ifr PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO SS YU AL BG GR Cr Tr IQ Rzw Amr DK NO SE FI EE LV LT RU Cc GG CY IR Ab Elb Shh Th Fa Shr Com Ha Plr Kdv Mz AF Hr Bmu Slg Pnj BdA Pic Kab Arh Srb Ca Gbh Adr Fz Khi Pag Pli Uj Ju Ku UZ Fe AZ AM LB Bsa PK Abb Sro Mz Sb Yu Uk JO KG Db Skk Kdy DZ Lbs BY MD UA Cm Lvv Da Aa Vl KP KR o1 o5 o6 o11 o13 o14 o16 o17 o21 o24 o25 o30 o31 o32 o33 o34 o42 o46 o49 51 55 56 58 65 71 72 76 o1L o1La o1Lb o1Le o1Lf o1Li o5A o6R o6Rd 13A 13Ab 13Ax 13B 13Bg 13G 13Gf 13F 13F25 13F6 13F8 13Gö 13Gğ 13Gw 16A 21L 21Lf 30B 30Bt1 30Bz 30D 30Df 31M 33A 33Ae 49F 49Fb 55F 56D 56Dd 56F 56F1 58G 58Gg 65A 65Ac 65Ac3 65Ai 65As 65Am 65Am1 65Am4 65At 65At5 65D 65Df 65Dg 65Dga 65Dh 65Du 65Dw 65G 65Gb 65Gf 65Gy 65Gn 65F 65Fb 65Fç 65Fp 65Fz 65K 65Kb 65Ké 65Kl 65Kl6 65Ku 65Kğ 65L 65Lb 65Le 65N 65Nc2 65Nk 65Np 65Np7 65Np8 65Nr2 65Nm 65Z 76C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: The male genitalia (GP2526) of this species was illustrated by the authors from Bahçesaray (Van Province) (Kemal & Koçak, 2017a: 206, fig.89).

**283. *Pyrausta pavidalis* Zerny,1935**

Synonymy: pavidalis Zerny,1935; krimensis Budashkin & Martin,1993

Range (as code): TR Cm o1 13 25 30 33 46 65 70 13F 13F25 25A 30B 30Bç1 30Bç2 30Bz 30D 30Df 33A 33Ae 46G 65A 65Ai 65Am 65Am4 65D 65Df 65F 65Fp 65Fz 65K 65Kl6 65Z 65N 65Np 65Np1 65Np7 65Np8 65Nm 70C 70Cf

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**284. *Pyrausta sanguinalis* (Linnaeus,1767)**

Synonymy: sanguinalis Linnaeus,1767; crenatalis Scriba,1770; haematalis Hübner,[1819]

Range (as code): PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU MK AL BG GR Cr Tr DK NO SE FI EE LV RU MD UA BY Cc GG AZ Tbl Bjo Kir Lag AM Eri IL Pa Hf LB CY IR Gh Tgo Ana Ke Fa Shr Com Elb Kh Th Mz Plr Gor AF Pag Kot Bkt Asm Arh Hr Slg Bsg Gbh Srb Pl Nv Ord Len Mz Gls DZ Bsk Clo TN Gf Uı Ku Js MA DZ PK Gg Cls Ds Mre o1 o2 o5 o6 o7 o13 o16 o17 o30 o31 o33 o34 o39 o44 o54 o56 o65 o69 o70 o71 o73 o76 o80 o2F o2Fe o2Fz o5A o6R o6Rb 13A 13Ab 13Ax 13F 13F01 13F41 16A 31K 31Ka 31M 33A 33Ae 33Am 44L 44Lc 56F 56Fo 65A 65Am 65D 65Df 65Ds 65Fz 70C 70Ce 73E 73Eb 76D 76Da

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**285. *Pyrausta virginalis* Duponchel,1832**

Synonymy: virginalis Duponchel,1832; auroralis Zeller,1847; tristriatalis Szent-Ivany & Uhrik-Meszaros,1942; arianalis Amsel,1970

Range (as code): TN Elk Sfx FR Co Sa Si IT CH AT SK HU RO YU HV MK AL BG Slv GR Cr Rd CY TR Cc AM Eri IL Pa Js IQ Hjo Mos Shq IR Fa Shr Sse Th Kdj Elb Mz Kh Srd AF Pnj Kbb Kot BdA o1 o2 o6 o13 o14 o16 o30 o31 o32 o33 o38 44 58 65 71 72 73 80 o1K o1L o1Le o2F o2Fe o2Fz o6R 13F 16A 30B 30Bç1 30Bç2 30Bz 31K 31Ka 31M 33A 33Ac 44L ?65A ?65An ?65D ?65Df ?65Dg ?65Du ?65Dt ?65N ?65Np6 ?65Nm 73D 73Df 73Dfc 76D 76Dd 80B 80Bc

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

**286. *Sitochroa verticalis* (Linnaeus,1758)**

Synonymy: verticalis Linnaeus,1758; inversa Fourcroy,1785; cinctalis Treitschke,1829; nigricilialis Ragonot,1895 [ssp.]

Range (as code): PT ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG IR Ab Ak Shf Elb Glz Th Kdj Ha Kh DK NO SE FI EE LV LT RU Sb MD UA BY AF Hr Bmu Kot Bark Fz Pli Bd UZ KG sKG Tks Db Kdy Tk Dj Ii JP o1 o2 o5 o6 o8 o16 o21 o25 o30 o31 o32 o33 o36 o42 o46 o56 o65 o69 o71 o76 o2F o2Fe o2Fz o5A o5E o6R o8H o8Hc 16A 21N 21Nh 25N 25Nb 27E 30B 30Bç1 30Bç2 30Bç5 30Bt1 30Bz 33A 33Ac 36D 36Db 56F 56Fv 65A 65Ab 65Aba 65Abc 65D 65Da 65Dn 65Dl 65Dlc 65F 65Fp 65Fz 69B 69Bc 69Bd 76A 76Ae 76B 76Bj 76Bf 76Bh 76D 76Da

**287. *Sefidia clasperella* Asselbergs,1994 (Figs. 31-33)**

Synonymy: clasperella Asselbergs,1994

Range (as code): TR 13 33 42 56 65 13F 13F01 13F11 13F35 13F41 33A 33Ae 33B 42B 56F 56Fs 65A 65Ai

Remarks: This species was also reported by the authors from Bahçesaray, Paşaköy (East Turkey, Van Prov.) (Prep. no: GP2501♂) (Kemal & Koçak, 2017: 180, fig.103-105, map 53). The procedures on the genetic distance between Anamur and Bahçesaray populations are ongoing.

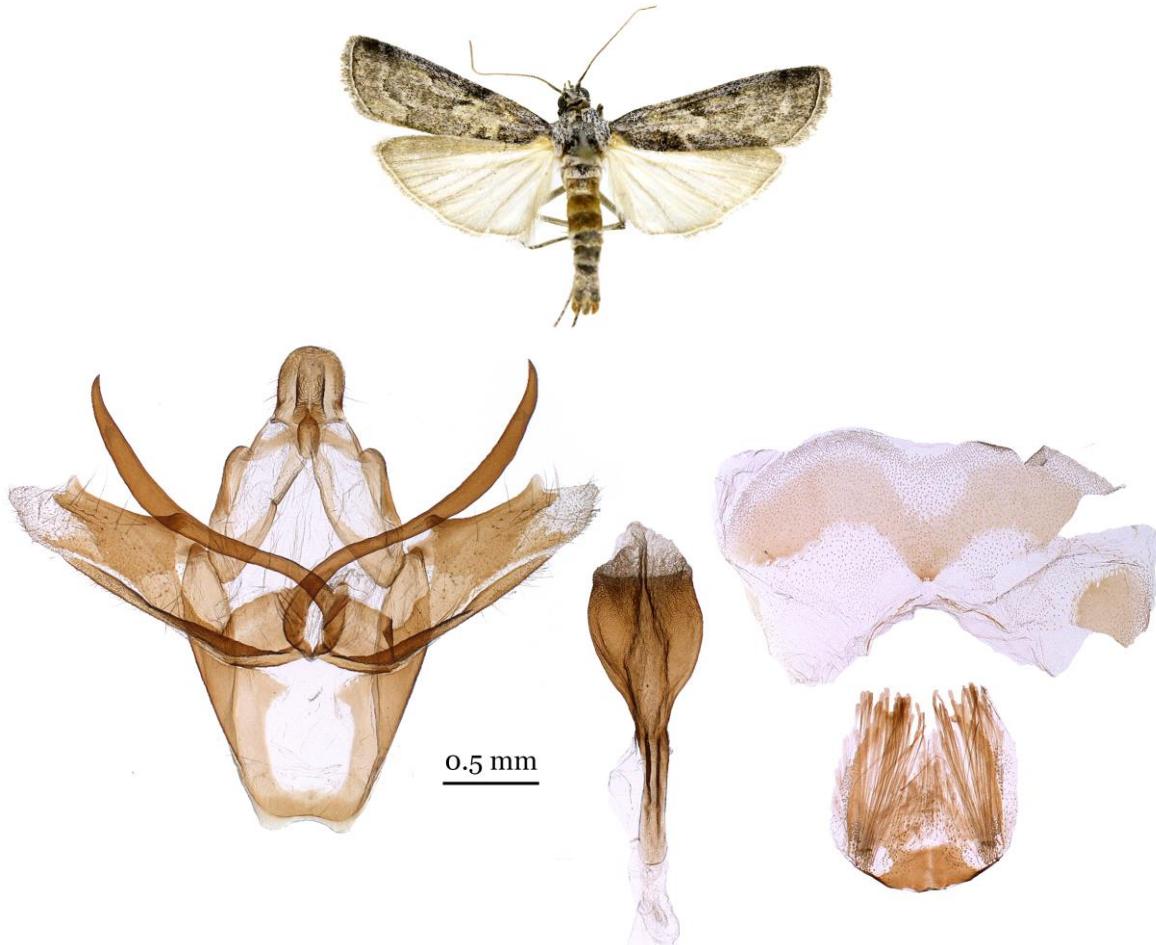
Material studied: 1♂(GP3225♂, barcoded as Pyr 110-Cesa). S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. - 1♂. East Turkey, Bitlis Prov., Mutki, Aydemir 1710m (13F71), 11.vi.2018, M.Kemal & A.Koçak leg. (Cesa).

**288. *Spoladea recurvalis* (Fabricius,1775)**

Synonymy: *recurvalis* Fabricius,1775; *fascialis* Cramer,[1782]; *recurvella* Zincken,1818; *diffascialis* Hübner,[1825]; *albifacialis* Boisduval,1833; *animalis* Guenée,1854; *exodias* Meyrick,1904; *formosana* Shiraki,1910.

Range (as code): Az Cn Es Fr Co Be Mt Gb NL De Dk Ph Luz Boh Id Sum Ja Amb Tim Jp Kp Kr Tw CN Pg Nlr Au Nz Hw In Adm Lk Mg Br Za Lpo Tva Spb Mdk Af Srb Ghb Kot IQ Bgd YE LB IR Fa Sse Shr Ss Irs CY TR IL Pa Hf WS FJ NH MY Kmd MM Th CMa Cuo Cu01 Cu05 Dst Ds09 Sgk Hya PSu HU RU Sh Krl Am Us Cc Ce Gro UA Cm SG Md PK Cp H-A AE OM DB KH Kwa Stg Clb Bor Hkk Ri Swk NP Up Rj Tn Mys Guj CX DZ AO CN Sz KM ZR CG GO ET GN GH KE LS ML MW MU MZ NE NG RE SH ST SN SC SL SO SD TZ UG ZM ZW BM BS JM PA TT PR GP GD HN MQ MS Nje Fl SCa Vi CU CR DO CL CO GY PY PE VE NSW QAu WAu NC VAu CK TO TV Szi CV SH 01 31 33 31A 31K 31Ka 31M 33A 33Ac 33Ac

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).



**Figs. 31-33 – *Sefidia clasperella*.** Upperside of male, its genitalia (GP3225), calcita and terminal abdominal segment . İçel Prov., Anamur, Çiçekyurdu 1620m, M. Kemal (Cesa)

**289. *Stemmatophora honestalis* (Treitschke,1829)**

Synonymy: *honestalis* Treitschke,1829; *marrakechensis* Leraut,2000

Range (as code): MA DZ Sbd PT ES SK HU RO YU HV AL BG GR PI TR CY IR Fa Sse Shr Elb Th Kdj IQ Ry LB 01 05 13 16 31 33 56 73 01L 01Le 05A 13G 13Gg 13F 16A 33A 33Ac 33Ae 33R 33Rb 56F 56Fb 73A 73Ac2

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**290. *Stemmatophora syriacalis* (Ragonot,1895)**

Synonymy: *syriacalis* Ragonot,1895

Range (as code): MA DZ Orn ES An Grn FR SY TR IR Fa Com IL Pa Js 01 30 31 33 42 30D 30Df 31M 33A 33Ad

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**291. *Synaphe berytalis* (Ragonot,1888)**

Synonymy: berytalis Ragonot,1888

Range (as code): LB Bei TR 01 05 06 13 31 33 44 05A 13F 31M 33A 33Ae 44E 44Eh

Remarks: This species was previously listed and illustrated from Anamur by the authors (Kemal & Koçak, 2018).

**292. *Synclera traducalis* (Zeller,1852)**

Synonymy: traducalis Zeller,1852; retinalis Lederer,1857; univocalis Walker,1859; achatinalis Guenée,1862; chlorophasma Butler,1878

Range (as code): JM PR Cn SE BG CY TR LB Bei SY IL Pa Hf EG EG11 IQ Mos Rwz Shq IR Ahz Fa Bu Shr AF Kot PH Luz Mno Crg IN LK ID Ja Clb Amb TH Bnk Che Mhs Sup LY YE Ad AE SA BW CM ZR GO ET GM CI RE MG ML MZ NA SN SC SL ZA Lpo Tva Gau TZ ZW 01 31 33 46 31K 31Ka 31Ka3 31M 33A 33Ao

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

**293. *Teliphasa (Sultania) lophotalis* (Hampson,1900)**

Synonymy: lophotalis Hampson,1900

Range (as code): IQ Shq IL Pa JO TR LB Bsa IR Fa 07 13 30 31 33 45 46 47 56 65 73 07B 13F 30D 30Df 30Dx 31K 31Ka 33A 33Ac 33Am 33An 33Ao 33Ar 56F 56Fo 65D 65Dv 65Du 73A 73Ad 73Ad2 73C 73Ce

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14.vii.2018, M.Kemal & A.Koçak leg. - 2♂. Anamur, Gökcə valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. - 3♂. Anamur, Taşocağı 210m (33Ac), 19.viii.2015, 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**294. *Thyridiphora furia* (Swinhoe,1884)**

Synonymy: furia Swinhoe,1884; fenestrata W.Warren,1888; cineracealis Joannis,1889

Range (as code): GR TR LB Bei IQ Rwz Kbl PK Pj Cp Krc Gg Cls IR Elb Th Kdj Fa Shr Chh Ss Ana Ke YE Ad 01 07 33 36 46 07B 07Bb 33A 33Aj 33Ak 33An 33Ar 36D 36Db

Material studied: 1♂. İçel Prov., Anamur, Kösekükü 145m (33An), 18.vii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**295. *Tretopteryx pertusalis* (Geyer,[1832])**

Synonymy: pertusalis Geyer,[1832]

Range (as code): FR GR Cr Tr IQ Ama LB Bsa IL Pa 01 05 06 13 21 25 27 30 31 32 33 35 46 49 56 63 65 01L 01La 05A 06K 06Kd 06N 06Nc 06R 06Rd 13F 13G 13Gw 13Gü 21N 21Nb 27D 27Dc 30D 30Df 32C 33A 33Ae 33R 33Rb 46F 46Fd 49E 49Ea 56F 56Fc 56Fn 56Fx 65A 65Ai 65Au 65At 65D 65Dh 65Dn 65Dv 65F 65Fb

Material studied: 1♂ (diurnal). S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 4.v.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**296. *Udea ferrugalis* (Hübner,1796)**

Synonymy: ferruginalis Rossi,1794 nec Fabr.,1781; ferrugalis Hübner,1796; #ferugalis Hübner,1796; martialis Guenée,1854; hypatalis Walker,1859; testacea Butler,1879

Range (as code): DZ MA PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR DK NO SE FI EE LV RU MD UA BY IL Pa Hf LB Bsa IR Ahz Elb Mz Kdv Dam Plr Gor Kdj Km Th Fa Shr Sse Kh Gh Tgo IQ Dia Bgd Rwz AF Ca Arh Khi Adr Fz Bsg Hr Blh IN LK MM ET JP TW TH CMa Dst Ds09 Cc GG Tbl Lag Len AZ Sok Cn AE Ajj Clo BW BI CM ZR ER KE RE MG MU MZ SC ZA SD ZW 01 03 05 06 07 13 14 16 17 26 30 31 32 33 34 35 38 42 44 46 48 49 56 58 63 65 71 75 76 80 01K 01L 01Le 05A 06R 06Rb 13A 13Ab 13Ax 13F 13F25 13G 13Gö 13Gğ 16A 30B 30Bc 30Bt1 30Bz 30D 30Df 31K 31Ka 31M 33A 33Ac 33R 33Rb 44E 44Ei 44L 44Lc 48L 49F 49Fb 56F 63D 65A 65Ai 65Am 65Am2 65Am4 65D 65Df 65Du 65F 65Fd 65Fp 65Fz 65K 65Kl 65Kl6 65Z 65Ku 65N 65Nc 65Nc4 65Np1 65Nm 75F 75Fb 76D 76Da 76Dd 80B 80Bc

Material studied: 4♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**297. *Udea languidalis* (Eversmann,1842)**

Synonymy: *languidalis* Eversmann,1842; *arabescalis* Herrich-Schäffer,1860; *veneralis* Staudinger,1871

Range (as code): RO SS HV B-H AL BG MK GR Cr TR Cc AZ Kir Mng Nv Ord IR IQ Ry IL Pa CY UA RU KG  
Uk 05 16 31 33 47 65 76 05A 16A 31M 33A 33Ae 33Af 65D 65Di 65Dlc 76C

Material studied: 6♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**298. *Zitha subustalis* (Lederer,1855)**

Synonymy: *subustalis* Lederer,1855

Range (as code): TR LB Bei Bsa Ghz IL Hf Pa 01 13 31 33 42 46 80 01K 01L 01Lb 01Le 13F 13F18 13F19  
13F25a 13F35 13F38 31M 33A 33Ac 33Ae 33An 33Ao 33R 33Rb 42B 46G 46Gf 80B

Material studied: 9♂♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14.vii.2018, M.Kemal & A.Koçak leg. (Cesa). - 11♂♀. Anamur, Kösekükü 145m (33An), 18.vii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Korucuk 1km NE 120m (33Ao), 17.viii.2018, M. Kemal & A.Koçak leg. - 1♂. Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. - 4♂♀. Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

**Scythridae****299. *Enolmis desidella* (Lederer,1855)**

Synonymy: *desidella* Lederer,1855

Range (as code): YU Rd TR LB Bei LY MR SA SY 01 07 33 07O 33A 33Ao

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: About this variable species, we have very limited information. The present record is new for the fauna of İçel Province. Previously, this species was known from Adana and Antalya Provinces in South Turkey.

**300. *Scythris (elegantella-gr.) limbella* (Fabricius,1775)**

Synonymy: *limbella* Fabricius,1775; *variella* [Denis & Schiffermüller],1775; *quadriguttella* Thunberg,1794; *chenopodiella* Hübner,[1813]; *obscura* Staudinger,1880.

Range (as code): DZ Anna PT ES FR Co Sa Si IT GB BE NL DE CH AT PL CZ SK HU RO YU BG GR CY TR Cc AM DK NO SE FI EE LV LT RU Ao MD UA BY KG Uk IR Elb Kdj Glı Fa AF 05 16 33 65 05A 16A 33A 33Ac 33An 65A 65Ac 65Ac2

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**301. *Scythris aristidella* (Rebel,1902)**

Synonymy: *aristidella* Rebel,1902

Range (as code): TR 01 06 24 33 42 70 01L 01Le 01Lf 06K 06Kb 24E 24Ea 33A 33Ae 42B 70A

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: The present record is new for the fauna of İçel Province. The author published a paper on this species with the genital morphology and behaviour (Kemal & Koçak, 2015b).

**302. *Scythris* sp.**

Material: 1ex. İçel Prov., Anamur, Kösekükü 145m (33An), 18.vii.2018, M. Kemal & A.Koçak leg. (Cesa).

**Sphingidae****303. *Akbesia davidi* (Oberthür,1884)**

Synonymy: *davidi* Oberthür,1884

Range (as code): TR IQ Ssa Cc AZ IR Elb Th Fa Ss SY IL Pa Jt Gol Hal LB AF Bm Srb JO 01 02 21 27 30 31 33 46 47 56 63 65 72 73 80 01D 02E 02Ec 27D 30B 30Ba 30D 30Df 31K 31Ka 31Ka3 31M 33A 33Am 33Ar 33F 33P 46G 47G 56F 56Fa 56Fm 63E 65D 65Di 73C 73Ce 80B 80Bb

Material studied: 1♂ (worn). S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 14 vii.2018, M.Kemal & A.Koçak leg. - 1♂. Anamur, Gökçe valley 170m (33Ar), 4.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: These records are new for the fauna of İçel Province.

### **304. *Hyles euphorbiae* (Linnaeus,1758)**

Synonymy: euphorbiae Linnaeus,1758; esulae Hufnagel,1766; vandalusica Ribbe,1910; etrusca Verity,1911; sinensis Closs,1917; rothschildi Stauder,1928; dolomiticola Stauder,1930; filipjevi O.Bang-Haas,1936; lucida Derzhavets,1980.

Range (as code): Md Cn MA DZ TN PT ES FR Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd DK SE FI EE LV LT RU Ao Sr Sb Ur MD UA Bkw BY AZ Tlh IR Elb Th CN Ui Ku Muz TJ Pm TR Cc GG Smt Bjo Tbl JO IL Pa Hf LB Bsa Bei IQ SY Dms IR Elb Th 01 04 05 06 07 09 10 13 14 15 16 17 20 21 24 25 30 32 33 35 36 42 45 44 46 47 48 50 51 56 58 60 63 65 70 72 73 76 01H 01L 01Lh 04C 04Cf 05A 06R 06Ra 06Re 10C 10D 13A 13Ab 13Ae 13Ax 13F 16A 21L 21Lc 21N 21Nb 24G 25C 25Ca 30B 30Bd 30Bt1 30Bz 30D 30Da 30Df 33A 33Ae 33R 33Rd 36D 51D 44E 44Ei 47F 47Fa 48G 48Gb 56F 56Fa 56Fs 58G 58Gg 60C 63B 65A 65An 65Am1 65Ac 65Ac3 65B 65Bo 65Bx 65D 65Df 65Dg 65Dga 65F 65Fb 65Fe 65Fs 65Fz 65G 65Gf 65Gy 65K 65Kl1 65Z 65N 65Nc2 65Nc4 65Np 65Np1 65Np2 65Nm 70C 70Cf 73C 73Cd 73D 73Da 76A 76Ac 76B 76Bb 76Bk 76D 76Da

### **305. *Hyles livornica* (Esper,[1780])**

Synonymy: livornica Esper,[1780]; koechlini Fuessly,1781; tatsienluica Oberthür,1916; saharae Gehlen,1932; malgassica Denso,1944; tatsienluica Oberthür,1944; renneri Eitschberger, Danner & Surholt,1998.

Range (as code): Md Cn MA DZ TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IR Elb Shh Gor Ke Kh Sbz DK SE FI EE LV RU Sr Mo MD UA BY CN Ui GG Bjo Tbl IL Hf Pa LB Bsa Bei TM Kp K-A Krn PK Bl Qu AU SAu Ade Hw ZA Cap Fs Blo SO MG IQ TW Bkw TH CMa NP SI Ch Dj1 YE Ad CN Ti Yu T-T Cm CY Ss Kz Gau Tva Pre Agh JO AF Nu Bsg Srb Kab Nu Bsg Cc AZ AM Cc Cp Ak Msw Ess Orn Odj Agi Ges Bsa Omy Bsk Ktr Khh Dhm Onç Gha Dzc Mzg Hrh Gf Omy Gle Ceg Gtt Ath Ah 01 05 06 07 09 10 13 16 17 19 21 23 30 31 33 34 35 36 44 45 46 47 48 53 56 58 60 61 63 65 72 73 75 76 05A 06R 06Ra 06Re 07A 07C 10K 10Ka 13A 13Ab 13Ax 13F 16A 19G 19P 21L 21Lc 21N 21Nb 23I 30B 30Ba 30D 30Df 31K 31Ka 31Ka7 33A 33Ae 33Ad 33Ae 44L 44Lc 46G 47F 47Fa 48G 48Gb 53N 56F 56Fa 56Fh 56Fm 58N 60C 63D 65A 65At 65At5 65Am 65Am1 65N 65Nr8 65Nm 73C 73Cd 75F 75Ff 76B 76Bb 76Bk 76D

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Pınarlar 475m (33Ad), 9.viii.2015, M.Kemal & A.Koçak leg. - 4♂1♀. Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### **306. *Macroglossum stellatarum* (Linnaeus,1758)**

Synonymy: stellatarum Linnaeus,1758; nigra Cosmovici,1892.

Range (as code): Cn MA DZ TN LY EG PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU MK AL BG GR Cr TR IQ SY LB Bsa IL JO DK NO SE FI EE LV LT RU Sr Ur Mo Ao Sb To Am Vv MD UA Cm IR Elb Kh Ke KK KG Uk Ssn Sp TM Krn Kp TJ Pm UZ AF Ca PK Bl Qu CN Ui Kun Bkw BY KP KR TW JP Az Md CY Pa Hf K-A Lps Shh Ur Ask Pkn Cm VI Pt Tt Or Bgd Rd JO Kab Khi Pjr Hrz Cc Mre Ab Qba Oru Ak Shf Rbt Saia Orn Agi Blid Omy Bsk Ktr Mzg Hrh Ahr Sfr Tni Tis 01 05 06 09 10 11 13 14 16 17 21 25 30 31 33 35 36 38 45 46 48 55 56 58 60 63 65 70 71 72 75 76 01E 01Ea 01H 05A 06R 06Rd 10D 10K 10Ka 13A 13Ab 13Ac 13Ax 13F 13Gw 13Gü 16A 30B 30Bc2 30Br 30Bz 30D 30Df 31K 31Ka 33A 33Aa 33Ak 33R 33Rb 33Rg 36D 36Db 38G 38Ga 46F 46Fd 48A 48G 48Gb 48F 48L 55F 56F 56Fg 56Fm 56Fa 58N 63D 65A 65Ai 65B 65Bn 65Bn1 65D 65Du 65E 65Eb 65Ec 65F 65Fb 65Fc 65Fd 65Fg 65Fz 65G 65Gs 65Gf 65Gy 65K 65Ks 65Kz 65Kg 65Ky 65Ky1 65L 65Le 65M 65Mc 65Md 65N 65Nm 70C 70Cb 75F 76B 76Bi 76Bk

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### **307. *Marumba quercus* ([Denis & Schiffermüller],1775)**

Synonymy: quercus [Denis & Schiffermüller],1775; denisii Fuessly,1779; #brunnescens Rebel,1910; #canescens, pallescens Closs,1922; mesopotamica O.Bang-Haas,1938; schirasi O.Bang-Haas,1938; #pallida Vilarrubia,1973.

Range (as code): MA PT ES FR Co Sa Si IT CH AT CZ SK HU RO YU AL BG GR TR AM AZ GG Cc Smt Bjo RU MD UA Bkw IR Fa Shr IQ Rwz LB JO 01 02 05 06 07 10 12 13 19 21 30 31 33 42 46 47 48 49 56 62 65 72 73 02F 02Fd 02Fz 05A 06R 06Rb 10D 13F 19B 21N 21Nb 21Nh 30B 30Ba 30Bh 30Br 30Bz 30C 30Cd 30D 30Df 31K 33A 33Ac 42B 47F 47Fa 48G 48Gb 49E 49Ea 56F 56Fa 56Fb 56F3 56Fç 56Fy 56Fx 56Fv 56Fg 56F1 56Fc 56Fs 56Fm 62E 65A 65Ai 65D 65Dl 65Dlc 65Du 73A 73Ae 73C 73Cd 73D 73Df 73Df

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

### **308. *Rethera komarovi* (Christoph,1885)**

Synonymy: komarovi Christoph,1885; #kamarowi Wagner,1931; rjabovi O.Bang-Haas,1934; #alboeingulata O.Bang-Haas,1934; #roseocingulata O.Bang-Haas,1937

Range (as code): MK AL BG GR TR Cc GG Bjo AM AZ Nv Ord RU AF KG IQ IR Kh Fa PK Bl Chm JO 02 05 06 13 23 30 33 36 42 44 46 56 60 65 66 69 70 71 02F 02Fe 02Fz 05A 06R 06B 06Bb 06Ra 13F 13F11 13F7 13F71 23I 30B 30Bc1 30Bc 30Bt1 30Bz 30Bl 30Bd 30Ba 30Df 33A 33Ae 36D 36F 42B 44L 44Lc 47F 47Fa 56F 56Fa 56Fb 56F6 56Fm 56Fq 56Fx 56Fb 56F1 60C 65A 65Am 65Am1 65Am3 65Am4 65Ai 65Ac 65Ac3 65B 65Bo 65Bx 65D 65Di 65K 65Kl1 65Z 66P 69B 69Bd 70C 70Cf

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

### **309. *Sphingonaepiopsis gorgoniades* (Hübner,[1819])**

Synonymy: gorgon Esper,[1804] nec Cr.,1777; gorgoniades Hübner,[1819]; chloroptera von Mentzer,1974.

Range (as code): HV RO AL GR BG UA Cm RU Ur Or MK Skj AM GG Cc TR LB Bsa IR Ab Ak Elb Th Kh Lo IQ Hjo AF Kab JO IL Pa KK KG TJ UZ Fe Man 05 13 16 30 33 36 46 50 56 60 65 13F 13G 13Gs 13Gw 16A 30D 30Df 33A 33Ae 33G 36D 36Db 46L 56F 56Fg 60C 65A 65Am 65Am1 65D 65Dg 65Fz 65N 65Np 65Np1 65Np2 65Nm

Material studied: 1♂1♀. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: These records are new for the fauna of İçel Province.

### **310. *Sphinx pinastri* Linnaeus,1758**

Synonymy: pinastri Linnaeus,1758; piceae Gleditsch,1775; asiaticus Butler,1875; saniptri Strecker,1876; cenisius Jordan,1931; medialis Jordan,1931; euxinus Derzhavets,1979; selon De Freina & Witt,1987.

Range (as code): DZ Hrh Lbs FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU Mo Vi Tt Ur Pt MD UA Bkw BY Cc GG Tbl Bjo Mng LB JP US CA IN 05 06 08 09 10 15 17 19 31 32 33 36 42 46 60 05A 05G 06R 06Ra 06Re 06Rk 08H 08Hc 09K 09Ka 10K 10Ka 17M 19G 31K 33A 33Ad 33Ae 33R 33Rd 36F 60C

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Pinarlar 475m (33Ad), 9.viii.2015, M.Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## **Thaumetopoeidae**

### **311. *Thaumetopoea (s.str.) solitaria* (Freyer,[1838])**

Synonymy: solitaria Freyer,[1838]

Range (as code): DZ Ges YU MK AL BG GR TR IQ Rzw LB CY IR Elb Fa Sse IL Pa Hf AF Srb SA 05 07 16 27 30 31 33 34 35 42 45 46 48 56 60 63 72 05A 07C 16A 30D 30Df 33A 33Ak 33Aj 42D 46G 46Gf 48G 48Gb 56F 56Fa

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

## **Thyatiridae**

### **312. *Asphalia ruficollis* (Fabricius,1787)**

Synonymy: #ruficollis [Denis & Schiffermüller],1775; ruficollis Fabricius,1787

Range (as code): FR IT CH AT SK HU RO YU BG GR TR IL Pa EE 06 07 21 30 33 34 48 59 71 73 06R 06Rb 07A 21N 21Nh 30D 30Df 33A 33Ak 48A 73C 73A 73Ab 73Cd

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

### **313. *Polyploca korbi* Rebel,1901**

Synonymy: korbi Rebel,1901

Range (as code): TR IQ IL Pa SY IR 06 07 16 21 30 31 32 33 42 46 48 50 56 64 65 73 06R 06Rb 07A 21N 21Nh 30D 30Df 31B 33A 33Ac 33Ak 42B 48G 48Gb 56F 56F3 56Fg 64F 65A 65Ai 65D 65Dl 65Dlc 73C 73A 73Ab 73Cd

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

## **Tineidae**

### **314. *Hapsifera luridella* Zeller,1847 (Fig.67)**

Synonymy: luridella Zeller,1847; eburnea Butler,1881; palaestinensis Rebel,1901; baliopsamma Meyrick,1921; torulosa Turati,1919; cyrenaicensis Turati,1924; pustulatella Lucas,1942 nec Zell.,1852; kerbelella Amsel,1949; asiatica Amsel,1949; susaella Amsel,1959

Range (as code): MA TN LY Cy EG MK BG GR Nx Cr TR CY LB Bei IL Pa Hf Js JO IQ Kbl Hjo Sqw Bgd SA YE IR Ab Oru Kz Ahz Yas Km Sdt Mak Ak Hz Bu Fa Shr Ss Ke Jrf Kaz Das Snj Kd Es Th Kdj Qz Gh Elb Dam UZ Smk Br TJ PK Krc AF Srb BH Cc GG Lag AM AZ Kir Nv Ord SY Dms 01 05 06 16 21 22 27 30 31 33 42 46 47 56 65 71 73 76 01K 01L 01Le 05A 06R 21L 21N 21Nh 27B 30B 30Bç 30Bz 30D 30Df 31A 31M 33A 33Ao 33R 33Rb 46G 47D 56F 56Fs 56Fs1 65D 65N 65Ne2 65Np2 65Np6 65Nm 71B 71D 73D 73Df 73Dfc 76B 76Bb 76C

Material studied: 1♀. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. - 1♀. Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. - 1♂ 1♀. Anamur, Ovabaşı 2km W 100m (33Am), 6.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

### 315. *Morophaga (morella-gr.) morella* (Duponchel, 1838)

Synonymy: morella Duponchel, 1838; fungicolella Dumont, 1930

Range (as code): MA TN PT ES FR Co Sa IT MT GR Rd TR RU MD UA Cm AF 16 33 16A 33A 33An

Material studied: 1♂. İçel Prov., Anamur, Kösekükü 145m (33An), 22.viii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: Previously, this species was known in Turkey from Bursa only (Mann, 1864: 184). The present record is new for the fauna of İçel Province.

## Tortricidae

### 316. *Acleris comariana* (Lienig & Zeller, 1846)

Synonymy: comariana Lienig & Zeller, 1846; proteana Herrich-Schäffer, 1851; potentillana Wilkinson, 1859.

Range (as code): ES FR IT IE GB BE NL LU DE CH AT PL CZ SK DK NO SE FI EE LV LT RU MD UA BY TR Cc GG Lag Am Us Ld JP Hkk CN Kwa Tkg CA US NZ 33 61 33A 33Ac

Material studied: 1♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New record for the fauna of İçel Province.

### 317. *Acleris variegana* ([Denis & Schiffermüller], 1775)

Synonymy: variegana [Denis & Schiffermüller], 1775; asperana Fabricius, 1777; osbeckiana Thunberg, 1784; nyctemerana Hübner, [1817]; blandiana Charpentier, 1821; blandana Hübner, [1825]; cirrana Curtis, 1835; albana Humpreys & Westwood, 1845; insignana Herrich-Schäffer, 1851.

Range (as code): MA Rbt DZ Anna PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU B-H MK AL BG GR TR DK NO SE FI EE LV LT RU MD UA BY Cm Da LB Bsa IL Pa Js IQ Shq SY Ltk Hal Cc AM GG IR Es Dam Glz Mz Elb Kdj Th Kh KG Aa TrA T-S TM UZ Br US Cf CA BCo Org AZ Len 05 06 09 15 16 30 31 32 33 35 42 44 46 61 65 05A 16A 30B 30Bç 30Bz 31M 33A 42B 44L 44Lc 65A 65An 65L 65Le

### 318. *Aethes capnospila* (Meyrick, 1912)

(=Aethes margarotana: Kemal & Koçak, 2018, Misc. Pap. 167: 43, nr. 160, figs. 72, 73, GP2174♂, GP2175♂).

Synonymy: capnospila Meyrick, 1912

Range (as code): GR Rd LB Bei TR 31 33 42 33A 33Ac 33O

Material studied: 5♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 19.viii.2015, M. Kemal & A.Koçak leg. - 3♂. İçel Prov., Anamur, Taşocağı 210m (33Ac), 5.viii.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously listed and illustrated from Anamur by the authors as "Aethes margarotana" (Kemal & Koçak, 2018). After re-examination of the colouration, markings of the fore-wing, and the male genitalia in the light of articles newly obtained, we came to the conclusion that Anamur population belongs to *Aethes capnospila* Meyrick, which was originally described from "Alma Dagh" [Amanos Mts.]. The wing markings and colouration are very variable. The status of this species and its relatives have been examined by Sutter & Karisch (2006). The male genitalia was illustrated by these authors from Mut (İçel Province) (*op.cit.*, 114 fig.2). Razowski (2009) repeated this genitalic image. The present record of this species is new for the fauna of Anamur district.

### 319. *Aethes* sp.

Material studied: 2 ex. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 13.iv.2019, M. Kemal & A. Koçak leg. (Cesa).

### 320. *Archips xylosteanus* (Linnaeus, 1758)

(Figs. 34-36)

Synonymy: xylosteana Linnaeus, 1758; obliquana Fabricius, 1781; westriniana Thunberg, 1784; densata Fourcroy, 1785; densana De Villers, 1789; characterana Hübner, 1793; hybnerana Fabricius, 1794; pallens Kennel, 1901

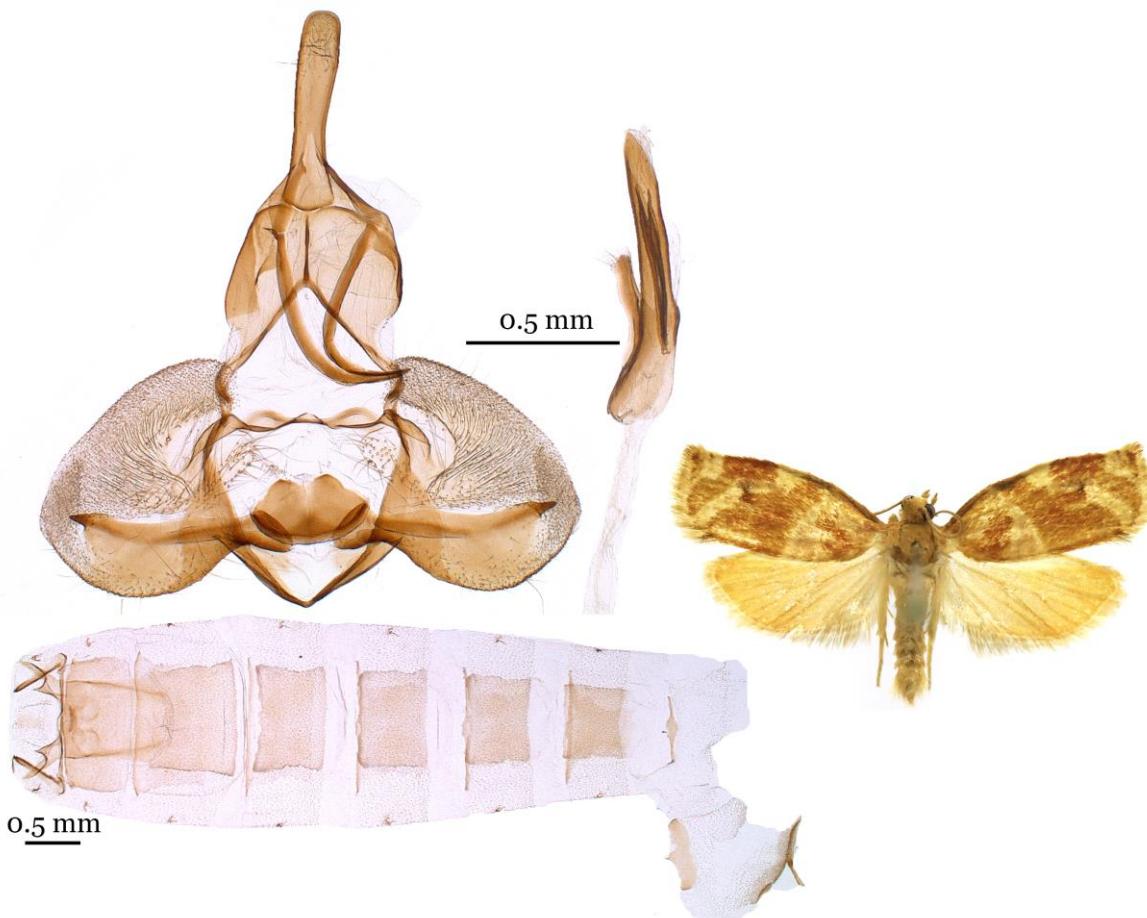
Range (as code): DZ PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU MD UA BY Cc GG SA IR Ak Mrd Glz Mz Th Dam Zj 16 18 24 30 33 34 41 56 65 16A 30B 30Bç 30Bz 33A 33Ac 56F 65A 65Ai 65D 65DI 65Dlc

Material studied: 5♂ (GP3240). İçel Prov., Anamur, Taşocağı 210m (33Ac), 4.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: New to the fauna of İçel Province.

### 321. *Bactra* sp.

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2018).



**Figs. 34-36** - *Archips xylosteanus*. Male genitalia (GP3240), abdominal skin with “tympanal organ” and upperside of the male. İçel Prov., Anamur, Taşocağı. M. Kemal (Cesa).

### 322. *Cacoecimorpha pronubana* (Hübner,[1799])

Synonymy: pronubana Hübner,[1799]; ambustana Frölich,1830; herminiana Treitschke,1835; insolatana Lucas,1848; perochreana Herrich-Schäffer,1856; obsoletana Strand,1901

Range (as code): DZ Cst Orn Anna TN Gf PT ES FR Co Sa Si IT MT IE GB BE NL CH RO AL GR Rd CY TR SY Hal DK ?ZA UA Cm 01 06 07 16 27 31 33 34 35 46 79 80 06F 06Fb 07B 16A 31K 31Ka 31Ka4 33A 33Am

### 323. *Clepsis consimilana* (Hübner,[1817])

Synonymy: consimilana Hübner,[1817]; unifasciana Duponchel,1843; productana Zeller,1847; oblitterana Herrich-Schäffer,1851; peregrinana Stephens,1852; eatoniana Ragonot,1881; semiana Chrétien,1915; acclivana Zerny,1933; placida Diakonoff,1948

Range (as code): MA Tgr DZ TN Dhm Gf PT ES FR Co Sa Si IT MT IE GB BE LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR IR Th DK SE FI RU MD UA BY LB Bei Bsa MG 05 16 33 34 05A 16A 33A 33Am 33R 33Rb 34C

### 324. *Clepsis neglectana* (Herrich-Schäffer,1851)

Synonymy: neglectana Herrich-Schäffer,1851; flavana Duponchel,1834 nec Hüb.,[1799]; betulifoliana Lederer,1859; striolana Ragonot,1879; xylotoma Meyrick,1891; severana Kennel,1901; delibatana Rothschild,1912; dorana Kennel,1919; acclivana Zerny,1933

Range (as code): DZ Phv TN PT FR IT MT BE DE CH AT PL CZ RO BG TR SE FI EE LV LT RU Tv MD UA BY LB Bsa Cc GG CY KK Ik KG Uk Tk Dj Ii Ket Ava Uı Um Brç 05 33 33A 33Am

### **325. *Cnephasia anamuria* sp.n. (Figs.37-39)**

<http://zoobank.org/urn:lsid:zoobank.org:act:866C3B45-1C9A-46D3-B09E-2E41E96CBBF2>

#### Description:

Holotype (male). Forewing: 9 mm, wingspan:19 mm.

Forewing: Shape: Elongated. Costa convex, apex pointed. Termen oblique. Anal margin convex. Ground colouration light grey, post discal band yellowish. Basal, postdiscal and subapical area with reduced blackish markings. No complete transversal band developed. Hindwing greyish, without markings. Ciliae homogenous (Fig.39).

Male genitalia: Uncus short, slender and curved, very broad basally. Socii long, drooping, its both margins parallel to each other, terminally round. Gnathos small, its arms very short. Valva oval, elongated, tapering to rounded apex. Both sides of valva convex remarkably. Sacculus of both valva on the same line, strongly upturned at almost right angle approximately at 3/4 of its full length, then curved down again terminally. Juxta: Ventral margin of juxta round well chitinized, two edges of inner part form an angle of 90°. Saccus broad. Aedeagus moderately long, cylindrical, curved and without external dentation (Fig.37).

Paratype 1♂. Forewing: 8.5 mm, wingspan:18 mm. Other external features similar to holotype.

Female: Unknown.

Abdominal skin illustrated (Fig. 38). “tympanal organ” (sensu Razowski, 1959) is quadrate in shape, slightly chitinized but distinct (Fig. 38).

This new species is somewhat closer to *Cnephasia tofina* Meyrick in the East Mediterranean but differs from it both in external and also genitalic characters of the male. Diagnostic characters of this new species are found on the upperside of the forewing in markings and colouration externally, as well as in the male genitalia (shape of uncus, gnathos, valva, sacculus, juxta, aedeagus), and the “tympanal organ”.

Type series: Holotype (♂) and Paratype 1♂. South Turkey, İçel Province, Anamur, Kaşayolası, Çicekyurdu 1620m, 3.vi.2019, M. Kemal & A. Ö. Koçak leg. (in coll. Cesa).

Etymology: the scientific name of the new species is given after the type locality Anamur (South Turkey, İçel Province).

Razowski (1991) placed some east mediterranean names *syriella* Razowski, *tolli* Razowski, and *palaestinensis* Amsel as junior synonyms of *tofina* Meyrick, which was described externally from “Palestine, Nazareth” in 1922. The male genitalia of *tofina* was illustrated by Razowski (1965: 237, fig.26). The male genitalia of *Cnephasia anamuria* sp. n. differs from *tofina* Meyrick greatly.

Razowski (1959: figs. 130-136) illustrated several “tympanal organs” in the Cnephasiini. The “tympanal” of the new species looks like to fig.133 to some degree.

### **326. *Cnephasia* sp.1**

Material: 1♂1♀. S. Turkey, İçel Prov., Anamur, Ovabaşı 2km W 100m (33Am), 3.v.2018, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Identification of these specimens is ongoing.

### **327. *Cnephasia* sp.2**

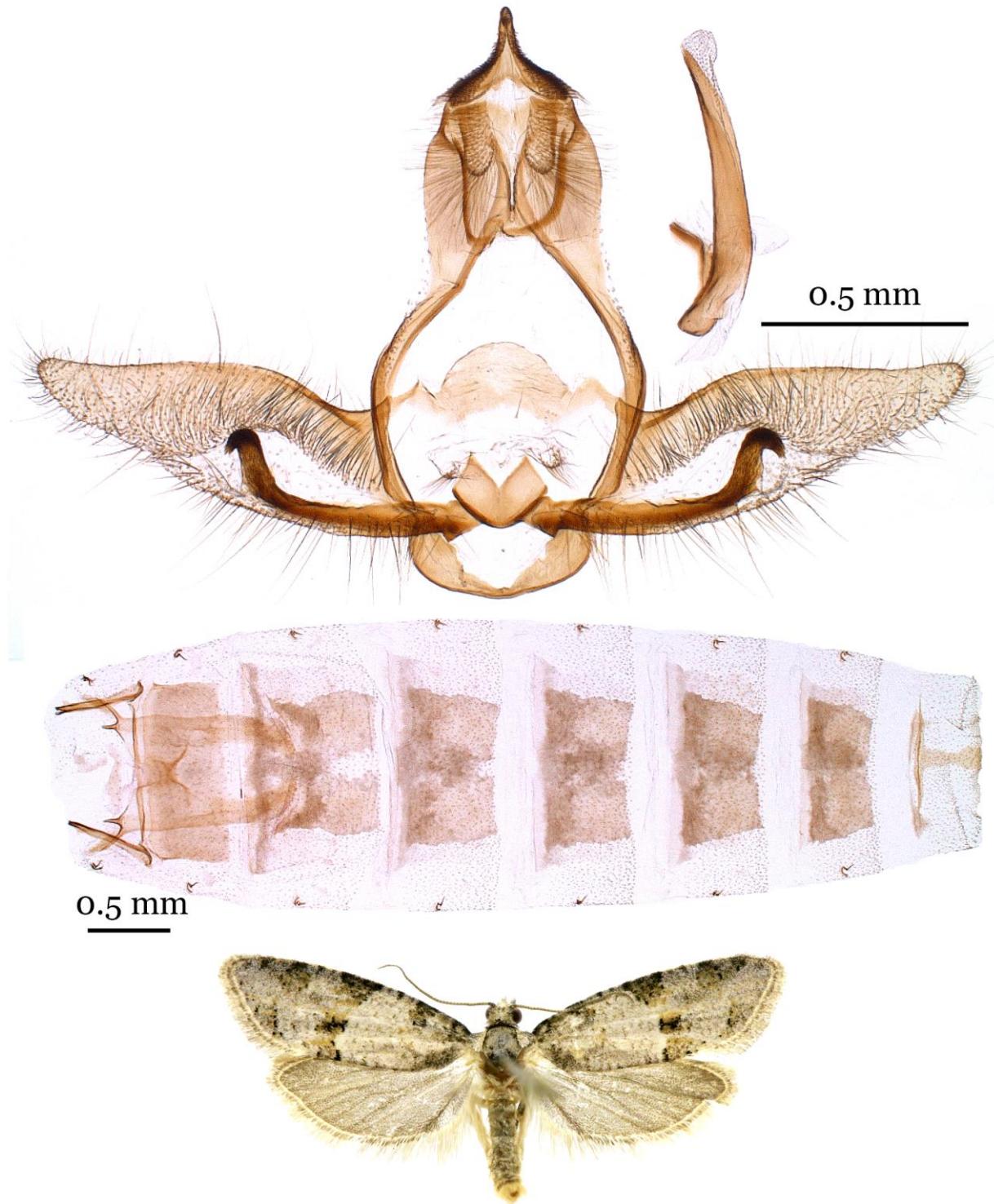
Material: 1ex. S. Turkey, İçel Prov., Anamur, Çicekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Identification of this specimen is ongoing.

### **328. *Cnephasia* sp.3 (?)**

Material: 1ex. S. Turkey, İçel Prov., Anamur, Çicekyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Identification of this specimen is ongoing.



**Figs. 37-39-** *Cnephasia anamuria* sp.n. (holotype, male) GP3241♂. The genitalia, abdominal skin with “tympanal”, and upperside of the male. South Turkey, İçel Prov., Anamur, Çicekyurdu 1620m. M. Kemal (Cesa).

### 329. *Cochylidia heydeniana* (Herrich-Schäffer, [1851])

Synonymy: *heydeniana* Herrich-Schäffer, [1851]; *pudorana* Staudinger, 1859; *erigenana* Walsingham, 1891; *subulicola* Walsingham, 1900; *almana* Kennel, 1919; *obraztsovi* Amsel, 1951; *amseli* Obraztsov, 1956

Range (as code): MA PT ES FR Co Si IT MT GB BE DE CH AT PL CZ SK HU RO YU AL BG GR TR IQ LB Bei DK NO SE FI LV LT RU Ur Sb Am Us Krl Sh MD UA BY CN Uİ KG KP KR JP MN 16 33 16A 33A 33Ak

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**330. *Cochylimorpha* sp.**

Material: 4♂. S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Identification of this species is ongoing.

**331. *Endothenia sororiana* (Herrich-Schäffer,[1851])**

Synonymy: #sororiana Herrich-Schäffer,[1850]; sororiana Herrich-Schäffer,[1851]; phlomidana Staudinger,1871

Range (as code): Si IT HU YU HV GR LT TR Cc GG UA 05 31 33 05A 31M 33A 33Ac 33Ak

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**332. *Grapholita (s.str.) jungiella* (Linnaeus,[1760])**

Synonymy: #jungiella Clerck,1759; jungiella Linnaeus,[1760]; perlepidana Haworth,[1811]; jungiana Fröhlich,1828; schrankiana Fröhlich,1828; loderana Kollar,1832; albiseundella Bruand,1847

Range (as code): FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO GR TR DK NO SE FI EE LV LT RU MD UA BY 16 33 16A 33A 33Ac

Remarks: This species was previously reported from Bursa. New to the fauna of İçel Province.

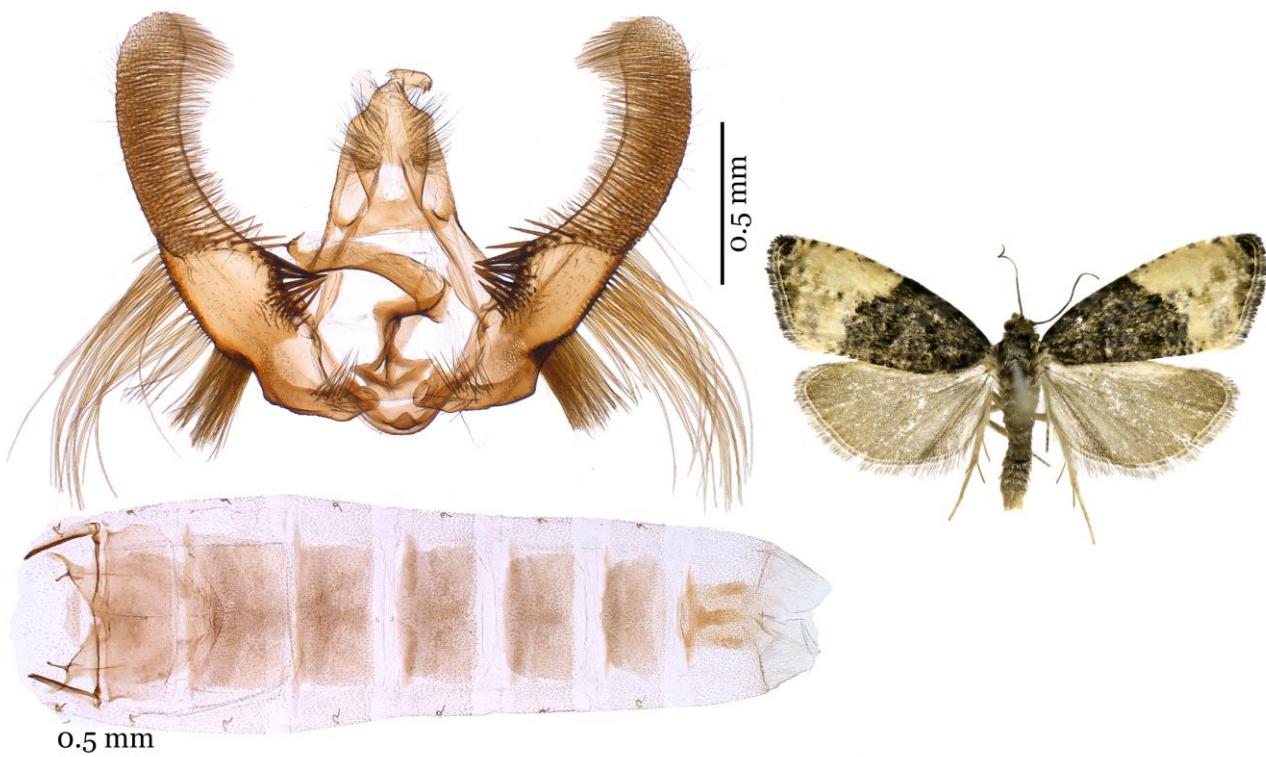
**333. *Hedya pruniana* (Hübner,[1799]) (Figs. 40-42)**

Synonymy: pruniana Hübner,[1799]; pruneticolana Zeller,1849

Range (as code): ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU MD UA BY AZ Cc GG IR Gor KG 01 03 05 13 14 16 27 31 33 42 45 46 71 81 01K 05A 13G 13Gy 16A 31K 31Ka 33A 33Ac

Material studied: 1♂ (GP3239). S. Turkey, İçel Prov., Anamur, Çiçekyurdu 1620m (33Ae), 3.viii.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: New to the fauna of İçel Province.



**Figs. 40-42 – *Hedya pruniana*.** Male genitalia (GP3239), abdominal skin with “tympanal organ” and upperside of the male. İçel Prov., Anamur, Çiçekyurdu 1620m. M. Kemal (Cesa).

**334. *Kenneliola fagiglandana* (Zeller,1841)**

Remarks: This species was previously listed from Anamur by the authors (Kemal & Koçak, 2018).

**335. *Notocelia uddmanniana* (Linnaeus,1758)**

Synonymy: *uddmanniana* Linnaeus,1758; *rubiana* Scopoli,1763; *achatana* Hübner,[1799]

Range (as code): DZ Anna ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL GR TR DK NO SE FI EE LV LT RU MD UA BY LB Bei IL Pa SA AZ Len Cc GG IR Mz Th KG TJ o1 o5 o6 14 16 21 30 31 33 44 46 53 58 65 81 01K 05A 16A 30B 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka5 31Ka7 31M 33A 33An 44E 44Ei 44L 44Lc 58G 58Gb 65A 65Ai 65N 65Np 65Np5 65Nm

Material studied: 1♂. İçel Prov., Anamur, Kösekükü 145m (33An), 18.vii.2018, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This record is new for the fauna of İçel Province.

**336. *Rhyacionia buoliana* ([Denis & Schiffermüller],1775)**

(Figs. 43-45)

Synonymy: *buoliana* [Denis & Schiffermüller],1775; *herbstella* Goeze,1783; *thurificana* Lederer,1855; #*bouoliania* Kalchberg,1897

Range (as code): Md MA PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO BG GR TR CY DK NO SE FI EE LV LT RU Ur MD UA BY LB Bei IL Pa Hf KP KR CN JP US AR o6 o7 o9 14 15 33 34 41 57 o6R o6Rb o6Z o6Zd 33A 33Ao 34C

Material studied: 1♂(GP3234). S. Turkey, İçel Prov., Anamur, Korucuk W, 150m (33Ao), 5 vi.2019, M.Kemal & A.Koçak leg. (Cesa).

Remarks: Seven *et al.* (2005) reported three species of *Rhyacionia* from Turkey. New to the fauna of İçel Province.



**Figs. 43-45 - *Rhyacionia buoliana*.** Upperside of the male, its genitalia (GP3234) and abdominal skin with “tympanal organ”. İçel Prov., Anamur, Korucuk W. M. Kemal (Cesa).

**337. *Pammene quereti* (Gozmany,1957)**

Synonymy: *quereti* Gozmany,1957

Range (as code): FR IT CZ SK HU YU TR 33 73 33A 33Ak 73D 73Df

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

**338. *Phtheochroa duponchelana* (Duponchel,1843)**

Synonymy: *duponchelana* Duponchel,1843; *duponcheliana* Costa,1847; *gloriosana* Herrich-Schäffer,1851; *syriaca* Walsingham,1900

Range (as code): MA DZ FR Si MT IT HU HV B-H YU AL GR Cr TR LB Bei SY Hal o1 o6 o7 16 31 33 42 51 65 o1H o1K o6F o7A o7Ad 16A 31M 33A 33Ae 42B 51D 51Db 65D 65Dl

Material studied: 1♂. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

### **339. *Phtheochroa palpana* (Ragonot,1894)**

Synonymy: palpana Ragonot,1894

Range (as code): TR SY Hal IQ JO 01 07 31 33 38 42 01K 07A 07Ad 31M 33A 33Ac 33Ae 38H 38Hc 42B  
42Ba

Material studied: 1ex. S. Turkey, İçel Prov., Anamur, Çiçekkyurdu 1620m (33Ae), 3.vi.2019, M.Kemal & A.Koçak leg. (Cesa).

### **340. *Pseudeulia asinana* (Hübner,[1799])**

Synonymy: asinana Hübner,[1799]; vermicularis Meyrick,1935

Range (as code): IT AT SK HU RO YU BG TR RU MD UA BY IQ Shq Cc GG CN JP 30 33 59 65 71 30D 30Df  
33A 33Ac 33Ak 65D 65Dh 65F 65Fd

Remarks: This species was reported by the authors from Anamur (Kemal & Koçak, 2017b, 2018).

## **Yponomeutidae**

### **341. *Plutella (s.str.) xylostella* (Linnaeus,1758)**

Synonymy: xylostella Linnaeus,1758; cinerea Fourcroy,1785 nec Hufn.,1766; xylostei Fabricius,1798; maculipennis Curtis,1832; niveella Zeller,1839; cruciferarum Zeller,1843; brassicella Fitch,1856; limbipennella Clemens,1860; mollipedella Clemens,1860; cicerella Rondani,1876; dubiosella Beutenmüller,1889; albovenosa Walsingham,1897; megapterella Bentinck,1943; karsholtella Baraniak,2003

Range (as code): Cn DZ Ajj Gha TN PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU  
RO YU ME Ctn AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA BY Cc AZ Bak TM Krn AF Hr IR Elb Kdv Dam Mz  
Kh Glz IQ Njf Hjo LB Bsa IL Hf Pa ZA TH MY Cmh IN Hp SA AE YE 01 06 13 21 27 30 31 33 34 38 42 44 48 49 63 65 71  
13G 13Gü 13Gw 21L 21Lf 27D 27Da 27Dc 30D 30Df 31K 31Ka 33A 33Ac 33Ao 33R 33Rb 44E 44Ei 44L 44Lc 48L  
49F 49Fb 63B 63Ba 65A 65Am 65Am2 65B 65Bn 65Bn1 65D 65Dy 65E 65Eb 65Ed 65F 65Fb 65Fd 65F1 65Fz 65K 65N  
65Nc 65K 65Kl 65Kl3 65Z 65Kz 65Kğ 65L 65Le

Material studied: 1♂. İçel Prov., Anamur, Korucuk 1km NE 120m (33Ao), 5.vi.2019, M. Kemal & A.Koçak leg. (Cesa).

Remarks: This species was previously reported from Anamur by the authors (Kemal & Koçak, 2017b, 2018).

## **Acknowledgements**

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**Images from nature**

(all of them were photographed very early in the morning before sunrise).



**Figs. 46, 47** - *Aprominta bifasciata* (Autostichidae) (left). From Anamur Taşocağı 5.vi.2019, M.Kemal. *Dyspessa emilia* (Cossidae) (right). From Anamur Korucuk 6.vi.2019, M.Kemal (Cesa).



**Figs. 48, 49** - *Charissa subtaurica* (Geometridae) (left). *Cyclophora pupillaria* (Geometridae) (right). From Anamur Korucuk, on 6.vi.2019 and Anamur Ovabaşı on 7.vi.2019, respectively. M. Kemal (Cesa)



**Figs. 50, 51** – *Idaea consanguinaria* (Geometridae) (left). From Anamur Taşocağı 5.vi.2019, M.Kemal. *Idaea intermedia* (Geometridae) (right). From Anamur Ovabaşı 7.vi.2019, M.Kemal (Cesa)



**Figs. 52, 53** - *Menophra berenicidaria* (Geometridae) (left). *Scopula submutata* (Geometridae) (right). Both from Anamur Ovabaşı, 7.vi.2019, M. Kemal (Cesa).



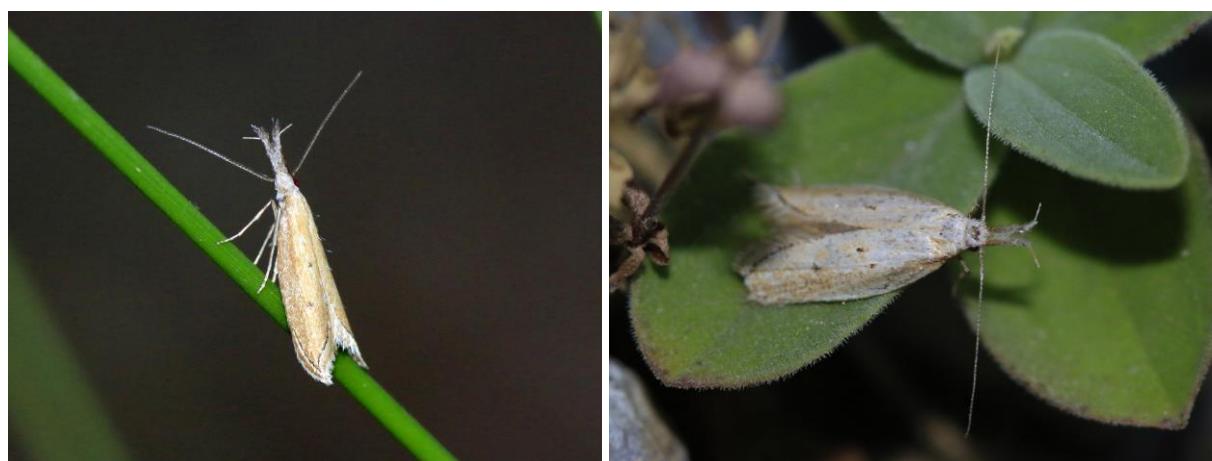
**Figs. 54, 55** – *Dendrolimus pini* (Lasiocampidae) (left). *Pachypasa otus* (Lasiocampidae) (right). Both from Anamur, Çiçekyurdu 1620m, 2.viii.2019, M. Kemal (Cesa).



**Figs. 56, 57** - *Agonopterix subpropinquella* f. *rhodochrella* H.-S. (Oecophoridae) (det. P. Buchner). Observed from Anamur, Ovabaşı, M. Kemal (Cesa). Pers. comm. via e-mail on 9 Mai 2018.



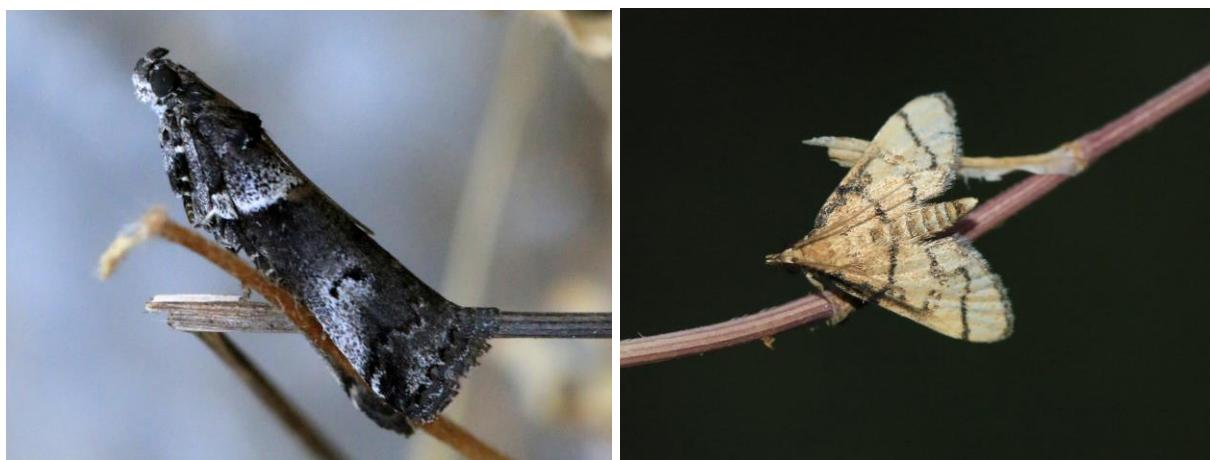
**Figs. 58, 59** - *Carcina quercana* (Oecophoridae) (left). From Anamur Ovabaşı 7.vi.2019. *Epicallima icterinella* (Oecophoridae) (right). From Anamur Korucuk 6.vi.2019, M. Kemal (Cesa)



**Figs. 60, 61** – *Holoscolia majorella* (Oecophoridae). From Anamur Korucuk 150m, 6.vi.2019 (left), from Anamur Taşocağı 210m, 4.vi.2019 (right), M.Kemal (Cesa)



**Figs. 62, 63** – *Odites kollarella* (Lecithoceridae) (left) From Anamur Korucuk 6.vi.2019, M. Kemal. *Bena bicolorana* (Noctuidae) (right). From Anamur Uçarı, 8.vi.2019, M.Kemal (Cesa)



**Figs. 64, 65** - *Acrobasis legatea* (Pyralidae) (left). From Anamur Ovabaşı 7.vi.2019, M. Kemal. *Metasia parvalis* (Pyralidae) (right). From Anamur Korucuk 6.vi.2019, M. Kemal (Cesa).



**Figs. 66, 67** – *Peoria semirubella* (Pyralidae) (left). *Hapsifera luridella* (Tineidae) (right). Both from Anamur Ovabaşı, 7.vi.2019. M. Kemal (Cesa).

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**Images of the adults of Geometridae (figs. 68-77) and Noctuidae (figs. 78-87) from the collection**



**Figs. 68, 69** - *Acanthovalva inconspicuaria*. Upperside (left). From Anamur Pınarlar. *Idaea ochrata*. Upperside of the female (right). From Anamur Ovabaşı. M. Kemal (Cesa).



**Figs. 70, 71** - *Charissa (Neognophina) pfeifferi*. Upperside (left) and underside of the male (right). Anamur Çiçekyurdu 1620m. M. Kemal (Cesa).



**Figs. 72, 73** – *Stueningia wolfi*. Upperside of the male (left). From Anamur Ovabaşı. *Tephronia oppositaria*. Upperside of the male (right). From Anamur Çiçekyurdu. M. Kemal. M. Kemal (Cesa)



**Figs. 74-75** – *Thera* sp. Upperside (left) and underside of the male (right). Anamur Çiçekyurdu 1620m. M. Kemal (Cesa).



**Figs. 76, 77** – *Macaria liturata*. Upperside of the male (left). From Anamur Çiçekyurdu. *Phaiogramma etruscaria*. Upperside of the male (right). From Anamur Ovabaşı. M. Kemal (Cesa)



**Figs. 78, 79** – *Catocala conversa*. Upperside (left), underside (right). From Anamur Taşocağı. M. Kemal (Cesa)



**Figs. 80, 81** – *Catocala eutychea*. Upperside (left), underside (right). From Anamur Taşocağı. M. Kemal (Cesa)



**Figs. 82, 83** – *Catocala hymenaea*. Upperside (left), underside (right). From Anamur Taşocağı. M. Kemal (Cesa)



**Figs. 84, 85** – *Noctua janthina* upperside of the male (left). From Anamur Ovabaşı. M. Kemal. *Odice suava* upperside of the male (right). From Anamur Korucuk . M. Kemal (Cesa)



**Figs. 86, 87** - *Polyphaenis viridis* upperside of the male (left). From Anamur Korucuk. *Xestia c-nigrum* upperside of the male (right). From Anamur Ovabaşı. M. Kemal (Cesa)

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